English

NavMate

Navigation Software User Manual

Navmate

Preface Merge

NavMate navigation software provides turn-by-turn route guidance while traveling to your destination. Before operating, take a few minutes to review the safety and operating instructions in this manual so you can quickly and safely become familiar with your NavMate software's many features.

This User Manual explains the NavMate software's functions, and provides details on:

- Using the control buttons
- Entering destinations
- Understanding the different screens available on your NavMate software
- Adjusting user preferences

Note: All users should read this manual prior to operating your NavMate software.

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Introduction to Your NavMate Software

NavMate software provides turn-by-turn visual and voice assistance to direct you to your selected destination. The software quickly calculates step-by-step directions to any destination available on the included navigation map.

The NavMate software uses Global Positioning System (GPS) satellites, and a digital roadway map database to calculate and display travel directions. The system's GPS antenna receives signals from a constellation of 24 satellites orbiting the earth and uses the strongest of signals, to determine your position to within meters.

Vehicle Position

The NavMate software's computer considers vehicle speed and heading changes, together with longitude and latitude information, to accurately determine vehicle heading and position on a digital map.

Signals from GPS satellites are used to determine the vehicle location. Three (good) or four (best) satellites must be received to accurately determine location. The GPS reception status is indicated by the GPS symbol on the map.

Map and Information Database

The map database used by your NavMate software was created using high-resolution aerial and land based data collection.

Car navigation maps are frequently updated. While the database was judged to be as accurate as possible at the time of its release, a map database can never be 100% accurate. Road information that is maintained in the map databases, such as turn restrictions or road names may change over time.

NavMate Software Operation

Quick Start

Follow these four easy steps and you are on your way.

Before operating your NavMate software, please carefully read and follow the instructions provided in the "Safety Information and Precautions" section of this manual.

Step 1 -- Start up/Main Menu

After the NavMate software starts, you will see the reminder warning to use your NavMate software safely and lawfully.

Warning Screen

Map provider logo will be displayed on the splash screen.

Main Map Screen

This screen has TMC icon but TMC feature may not be available on certain navigation units.

Step 2 -- Select Destination

You have many ways to select a destination.
For this example, let's find a nearby Airport.

Select by touching screen:

- icon (F3) to activate main menu.
- ***Go To...***
- ***Point of Interest***
- ***State or Province*** or ***Country*** **NOTE:** *The software remembers the last State/Province, so this step is not necessary every time.*
- ***Category***
- ***Airport***
- ***Click on Check Mark***
- ***Sort by Distance***
- Select one of these and the system will calculate a route to that destination using the criteria set in the Setup menu.

Step 3 -- Map/Guide along Route

Proceed to the highlighted route and drive while the NavMate software provides audible and visual guidance to your destination.

Step 4 -- Arrive at Destination

That's it! You've arrived at the selected destination.
Refer to the rest of this manual to become more familiar with the many options available on your NavMate software.

Using Your NavMate Software

The best way to learn about this product is to explore it, while observing the safety precautions discussed earlier.

Function Buttons

The buttons on the bottom of the display are called function buttons. These buttons change labels and function depending on the screen displayed.

The list below provides a brief description of the function buttons.

Function Buttons

	Zoom in the map to show a smaller area

	Zoom out the map to show a larger area
	Return to Map mode
	Display menu, jump to main menu.
	Display map in 3D view.
	Display map in 2D view.
	After panning map, select current panned position.
	Select currently highlighted item.
	Display spell mode.
	Page up in displayed list.
	Page down in displayed list.
	Go back one step.
	Repeat voice instruction.

Navigation Menus
The table below briefly describes the Main Menu options.

Main Menu Options At-A-Glance

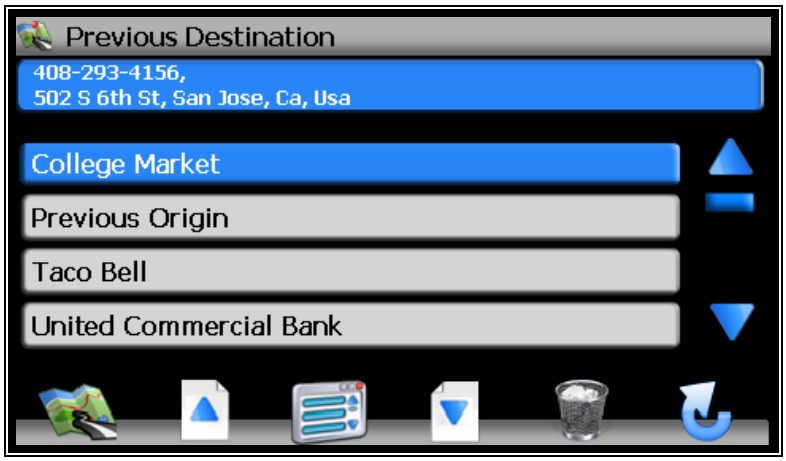
Main Menu Option	Select this Option to…
Home Address	Route to home address
Go to…	Pick a destination for routing.
Setup	Set preferences for routing and navigation display.
Office Address	Route to office address
Trip Computer	Display Speed, Trip, Odometer and Clock readings.

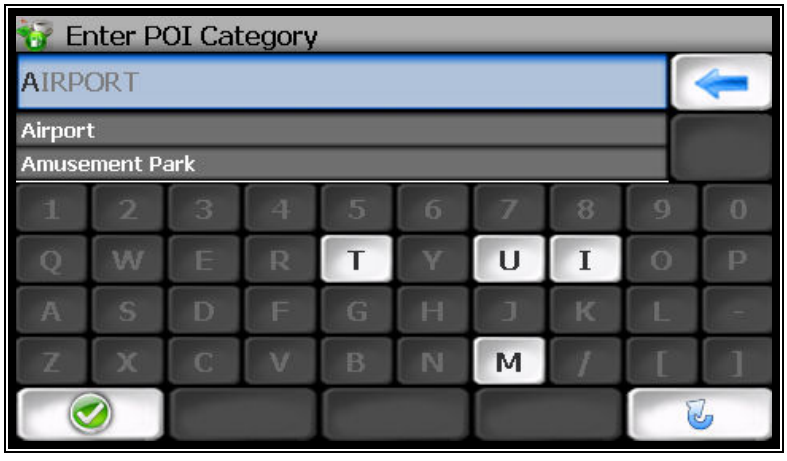
List Mode, Spell Mode, and Most Recently Used

There are five ways to select a destination. Several of the methods allow you to move through a list by scrolling using the arrow keys (List Mode) or by searching using an on screen keyboard (Spell Mode):

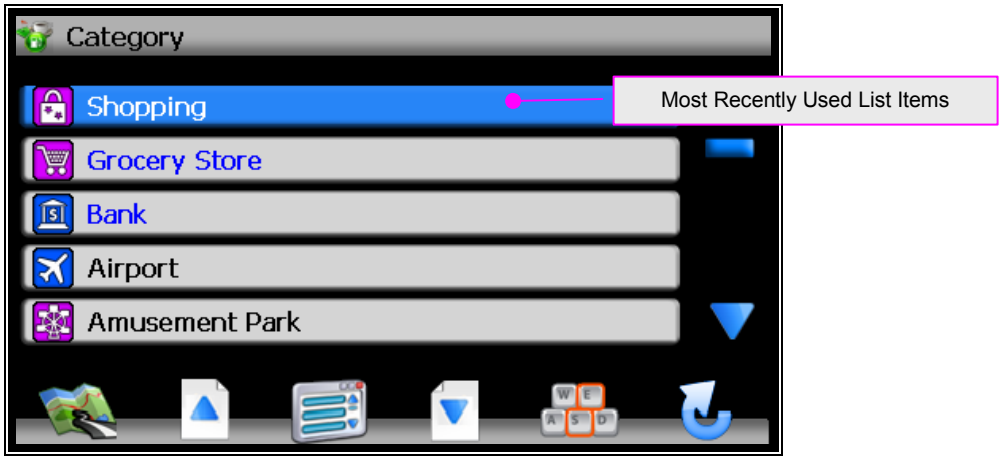
Many of the lists keep track of the last five most recently used (MRU) selections. These are placed at the top of the list in a different color and allow you to quickly select items that are used frequently. The pictures below illustrate the List Mode and Spell Mode screens.

List Mode and Spell Mode





Most Recently Used Portion of List



Spell Mode Buttons

Button	Mode	Press This Button to...
	Spell	Delete last entered character.
	Spell	Select currently input characters and show list of matches.
	Spell	Switch keyboard from QWERTY layout to special character layout.
	Spell	Switch keyboard from special character layout to QWERTY layout.
	Spell	Quit Spell Mode and return to List Mode.

Map Screen

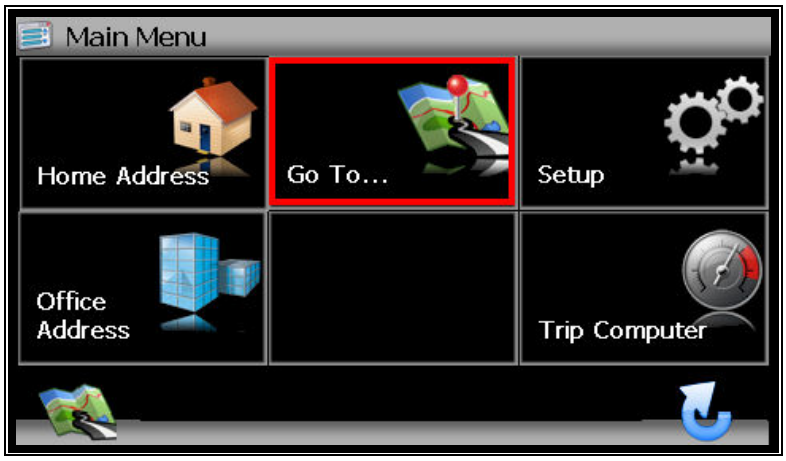
The table below explains the button functions available on the Map Screen.

Map Buttons

Button	Press This Button to...
	Show smaller map area.
	Show larger map area.
	Show Main Menu.
	Change type of map view.
	If no active route, select current location.

Destination Selection (Go To…)

To select a destination, you must select "Go To…" from the Main Menu.



The table below explains the button functions available on the Destination Selection Menu.

Destination Selection Buttons

Button	Press This Button to…
	Return to map mode
	Return to main menu.
	Go back one step.

Address/Intersection
If you know the street address or cross streets of your destination, use the "Address/Intersection" selection. You must select the State/Province where the destination is located. **NOTE:** The system remembers the last State/Province selected, so this step is not necessary every time.

Address/Intersection Selection

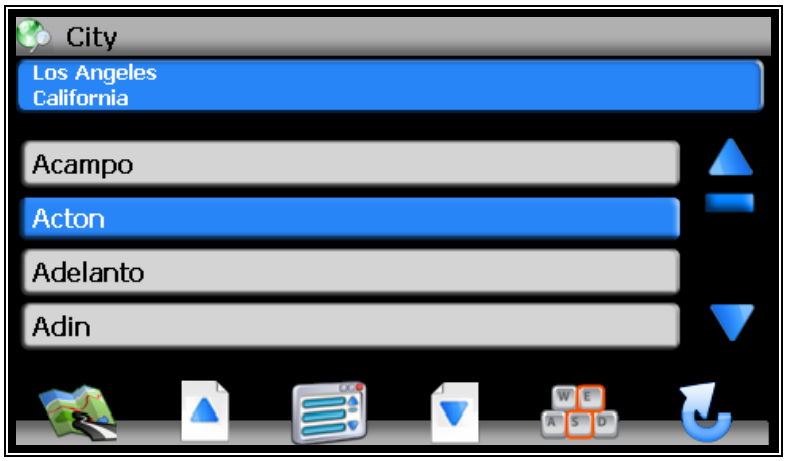
You may select either the Postcode or City Name or the Street Name first.

- *Postcode* – If you know the postcode, select this option to quickly find the city. Note: The postcode search is limited to the currently selected State/Province. Postcode searching may not be available in all areas.

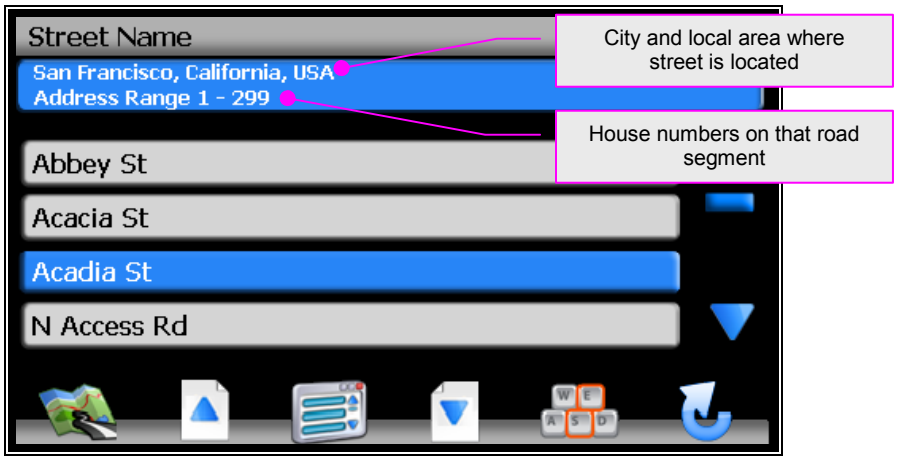
- *City Name* - If you know the city and street, select this option. You could use the "Street Name" option instead, but it is quicker and easier to use the "City Name" option when you know both parts of the address.

- *Street Name* - If you know the street name but you are not sure of the city, select this option. You might use this option, for example, if you were in a large metropolitan area and a street continues through multiple cities and you are not sure of which city is appropriate for the street.

Select City



Select Street



If you selected the "City Name" option, continue by following the prompts on the display screen to select a city first, then street, then address number or intersection. If you selected the "Street Name" option, follow the prompts to select a street name, then a city, then a street address or intersection.

Select State or Province/City/Street List Mode Buttons

Button	Press This Button to…
	Return to map mode
	Page up in displayed list.
	Return to main menu.
	Page down in displayed list.
	Switch to Spell Mode.
	Go back one step.

Point of Interest (POI)
The Point of Interest option is useful when you are going to a public place or are looking for some type of facility such as a gasoline station. After selecting the Point of Interest option, you must select the State/Province where the destination is located. **NOTE:** The system remembers the last State/Province selected, so this step is not necessary every time.

Points of Interest may be searched by Category, Postcode, Phone Number, or Name.

POI Search Methods

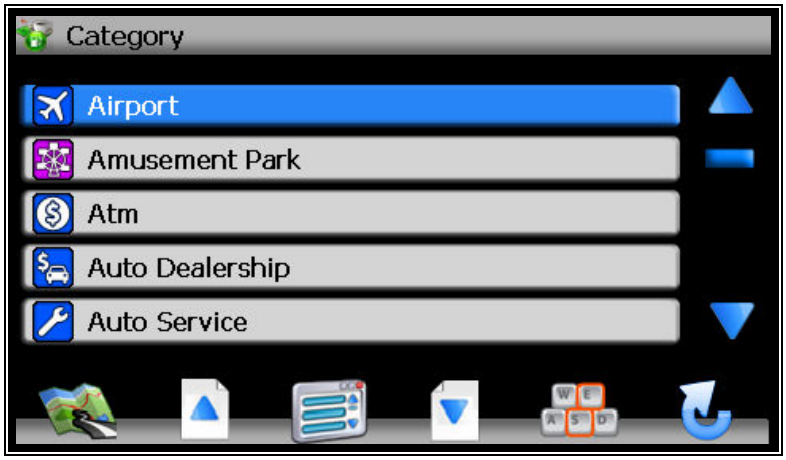
- *By Category* - If you are interested in the closest POI of a certain type for example nearest gas station, select this option.
- *By City* – You can select the city also.

- *By Phone Number* – If you know the phone number of the desired POI, select this option to quickly find the POI. Note: The phone number search is limited to the currently selected country. Phone number searching may not be available for all POI's.

- *By Postcode* - If you know the postcode, select this option to quickly find the city. Note: Postcode search is limited to the currently selected State/Province. Postcode searching may not be available in all areas.

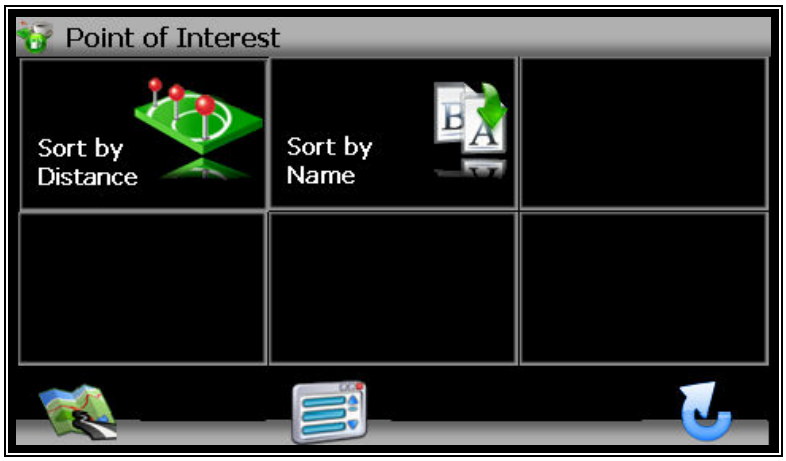
- *By Name* - If you know the name of the Point of Interest for example "COLUSSEUM", select this option.

POI Category

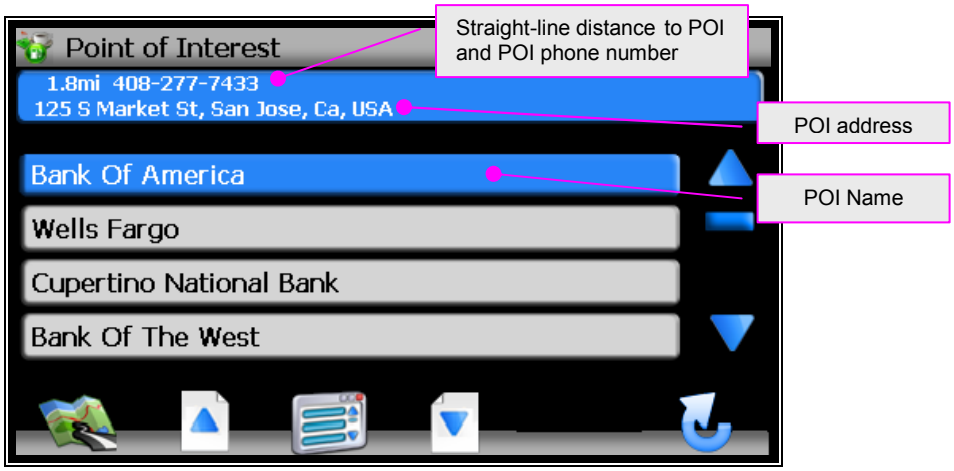


POI Name Speller

Some POI categories may not be available in some areas and not all possible POI's may be listed for all categories. For example, although the "Restaurant" category is very extensive, it is only as current as the map database information. Several categories restrict the search radius as well to minimize the search time.
Since businesses change over time, so will the accuracy of the points of interest in your navigation map. To have the most accurate map database, annual map database updating is recommended.
After selecting POI search criteria, you may select to list the results sorted by distance or by name.

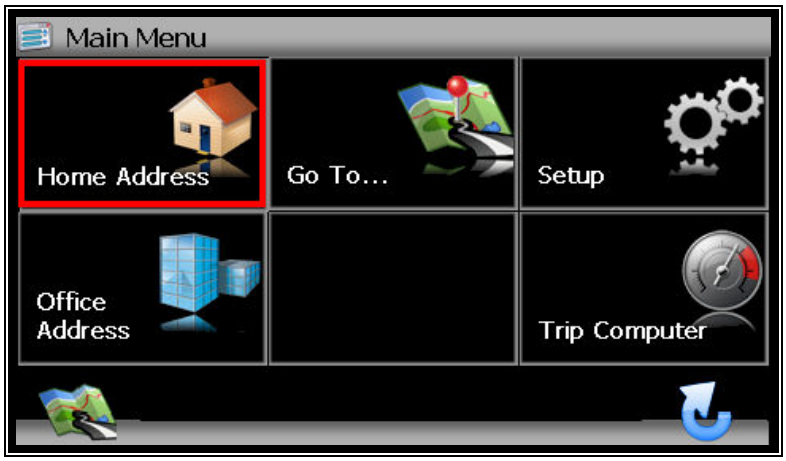


POI Search Results



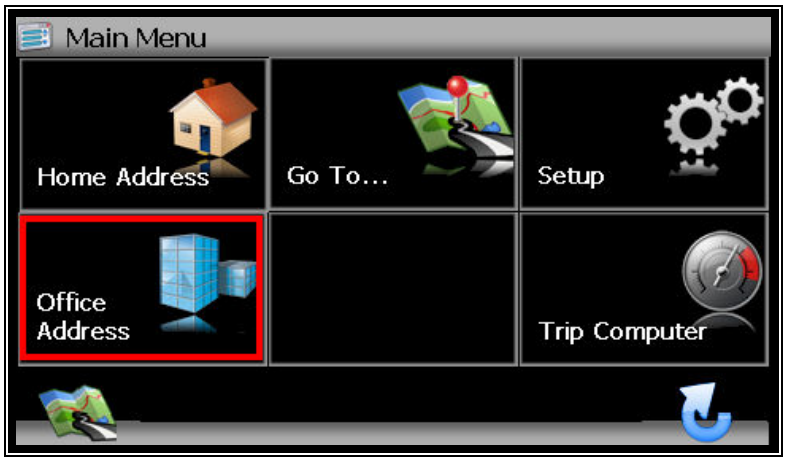
Home Address

The Home Address is a convenient way to route to your saved home address directly.



If the home address is not saved the following screen will pop-up. Click on the check mark to save the desired home address.

Office Address
The office Address is a convenient way to route to your saved office address directly.

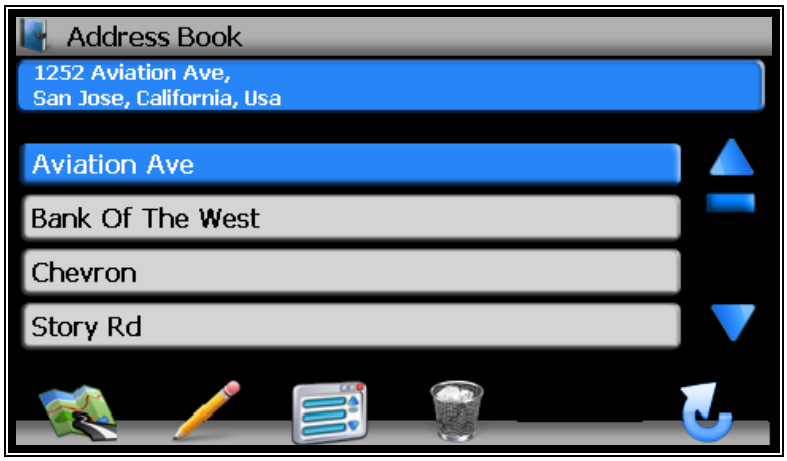


If the office address is not saved the following screen will pop-up. Click on the check mark to save the desired office address.

Favorites
There are three additional ways to set your destination under Favorites:

Address Book
The Address Book is a convenient place to store frequently visited destinations.
To add, delete, or edit address book entries see "Address Book Editing" section of this manual.

Address Book Entries



Address Book Selection Buttons

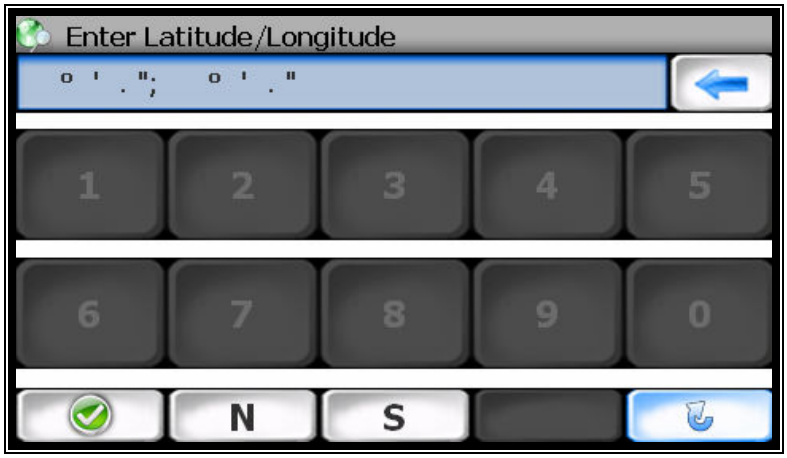
Button	Press This Button to...
	Exit menu mode and return to map mode
	Edit the highlighted displayed list.
	Return back Main menu level.
	Delete the highlighted displayed list.

	Go back one step.

Trail Book
You can route to trails you have created. To add, delete, or edit Trail Book entries see "Edit Trail Book" section of this manual.

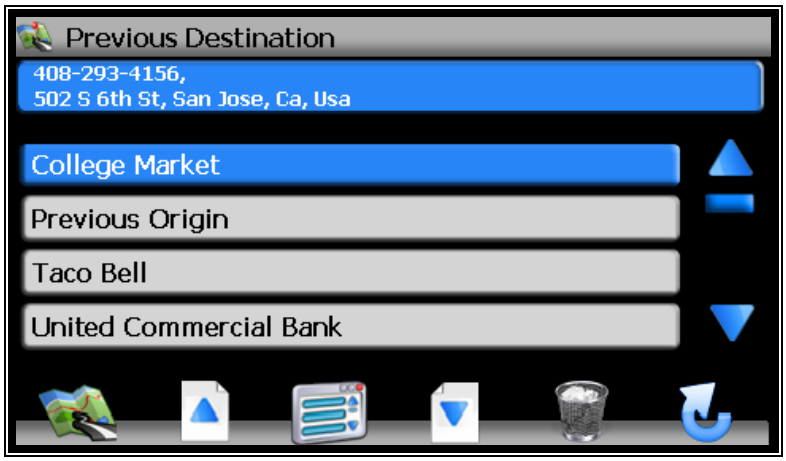
Trip Book
Trip Book allows you to navigate a trip that has multiple destinations. To add, delete, or edit Trail Book entries see "Edit Trip Book" section of this manual.

Coordinates
You can route to a destination by directly inputting latitude and longitude values.

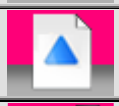


History
Previous destinations entered into your NavMate software are automatically saved into the memory of the NavMate software. This is helpful when you want to return to a recent destination, such as a hotel where you may be staying. The Previous Origin of the last calculated route is also stored for easy return to your start point.

Previous Destination Selection

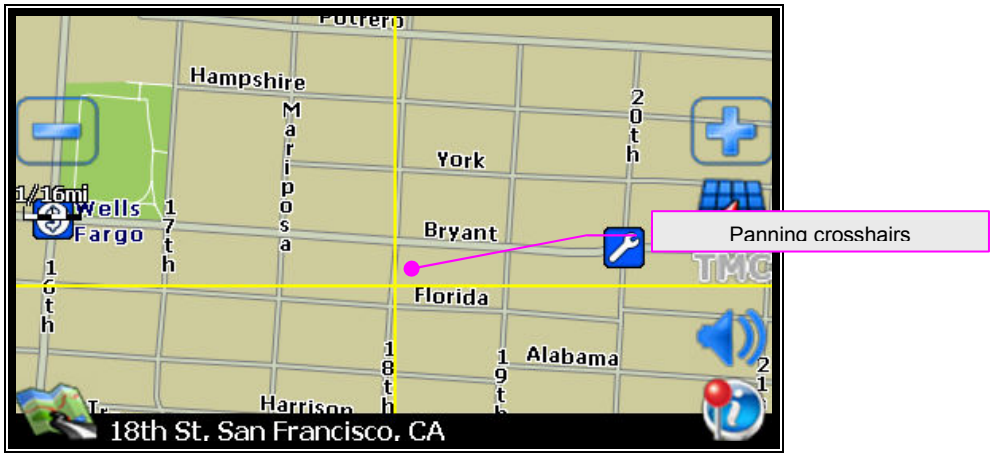


Previous Destination Selection Buttons

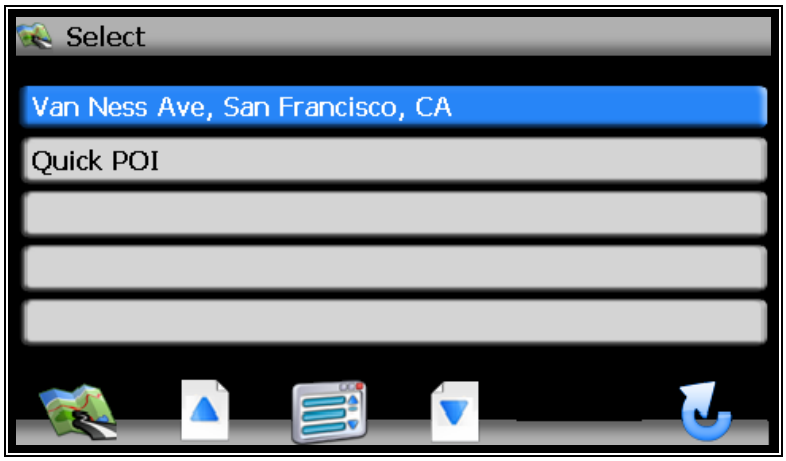
Button	Press This Button to...
	Exit menu mode and return to map mode
	Page up in displayed list.
	Return back one menu level.
	Page down in displayed list.
	Delete the selected item.
	Go back one step.

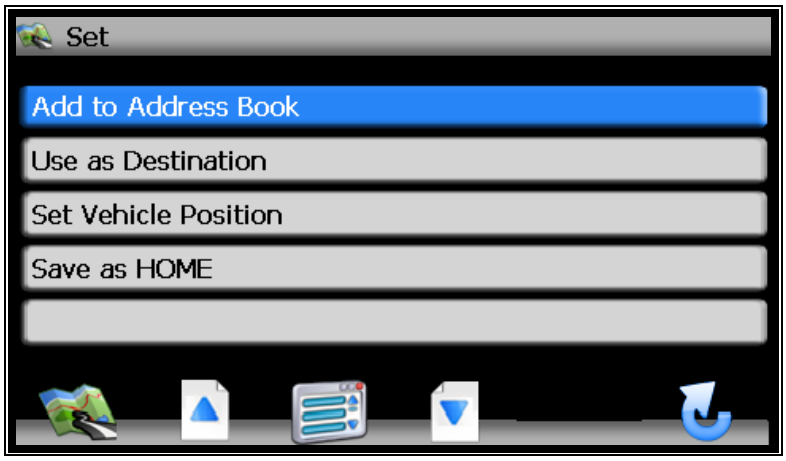
By using Map
You may select the destination by touching the screen. The system will display the cross hairs according to the location you touch.

Select Destination from Map



Press current position to display location information about the current panned location. Select the highlighted entry to select the panned location for the following options.





Select Destination from Map Buttons

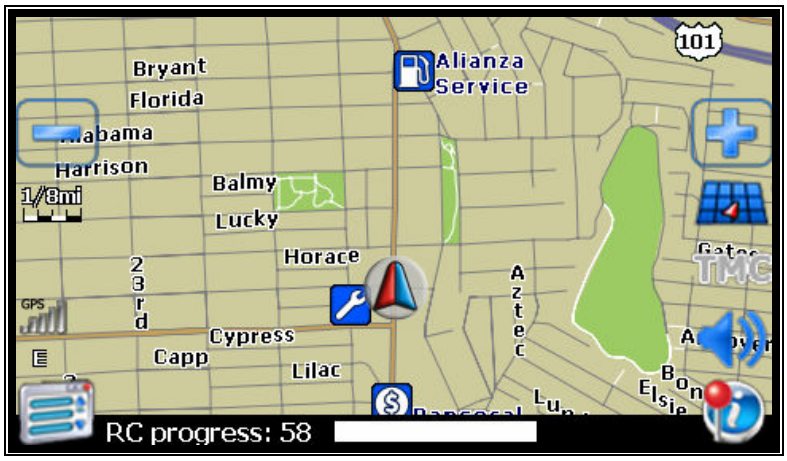
Button	Press This Button to...
	Return to map mode
	Return to main menu.
	Go back one step.

Route Calculation and Guidance

After selecting a destination, the system calculates a route based on the route criteria set in the Setup Menu.

Route Calculation
The status bar indicates route calculation progress.

Route Calculation Progress



Please Proceed
When route calculation is complete, the NavMate software will instruct you to "Please proceed to the highlighted route" unless you are already on the route. The highlighted route is indicated in magenta.

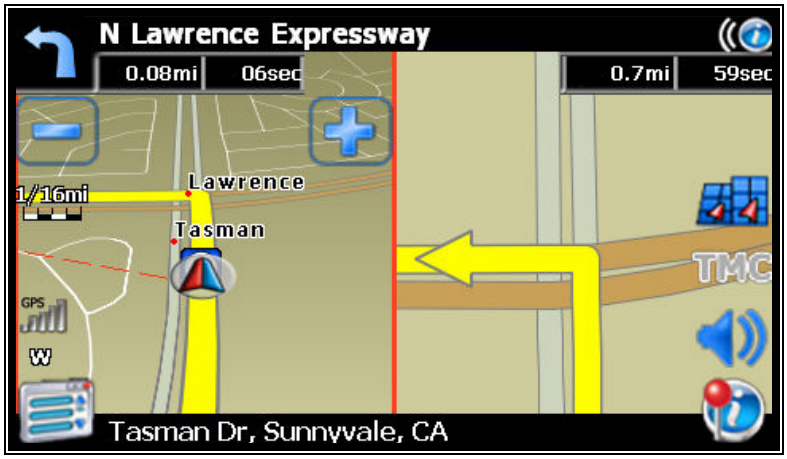
Route Guidance
Once on the highlighted route, guidance information is provided on the screen. Glance at the screen only when necessary and safe to do so.

As you continue on the route, the guidance information is continually updated to correspond with your progress to the destination.

Guidance display

True View (Intersection Zoom)
Just before a turn point, the guidance display will show a close-up or "true view" of the roads around the turn point.

True View (Intersection Zoom)



Map Display

The Map Display shows roads, road names, and cartographic features like lakes and rivers. You can adjust the map scale, the map orientation, map view, status information display, and the distance units to your own preferences (See Setup section of this manual).

Map display

Park

Vehicle symbol

GPS reception status

Compass heading

Map Scale

Current location

Display Function buttons Icon

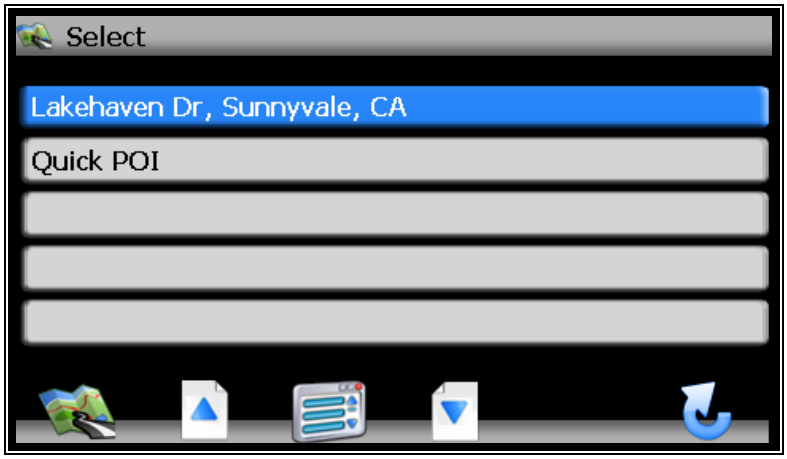
The GPS symbol may change colors indicating the strength of the signal. The GPS symbol colors mean:

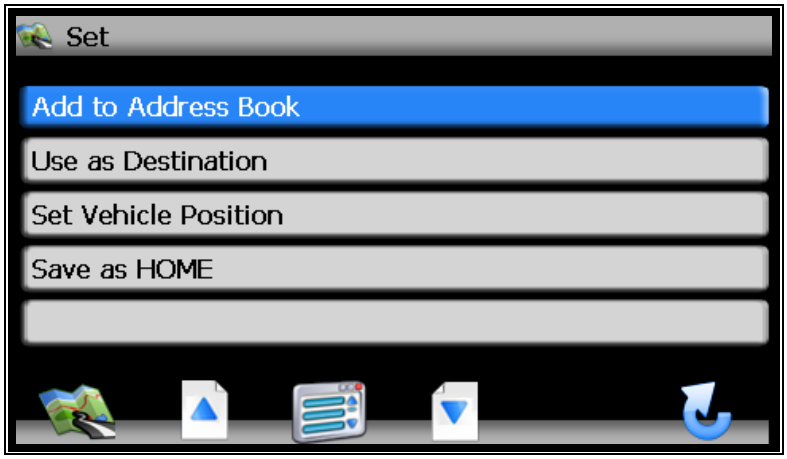
- Green - GPS signal is free from obstruction and is being received regularly. At least four satellites are being received.
- Yellow - GPS signal is partially obstructed. Three satellites are being received.
- Red - GPS signal is unavailable. Two or fewer satellites are being received.

Current Location Screen

Press current position to display information about the current map location. Then select the location information box to add it to address book, use it as a destination, re-set position, or save location as HOME location.

Current Location Screen





Arrival Screen

The destination is shown on the Map Display screen with a checkered flag symbol. A voice message announces that you are approaching your destination.

Arrival Screen

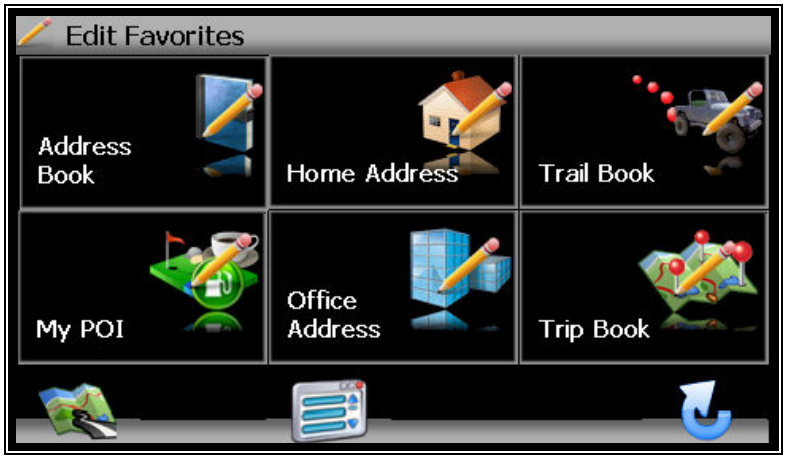
Off-Route and Route Interruptions

If you leave the current route, the NavMate software will automatically recalculate the route. This feature may be disabled if you prefer by turning "Auto Recalculation Off" in the Setup menu, under Navigation Preference.

If you leave the route to make a stop, the NavMate software remembers your destination. After you re-start, the NavMate software will ask if you want to continue your route.

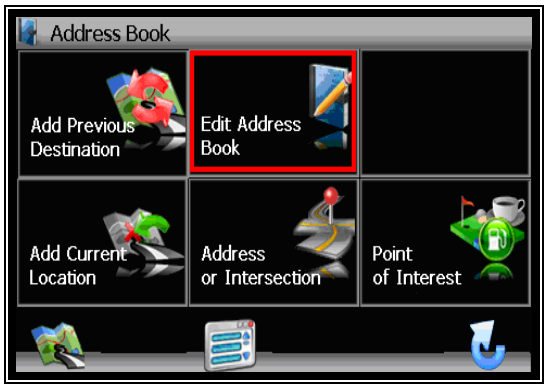
Edit Favorites Menu

Add or modify destinations in Address Book, Home Address, Office Address, Trail Book and Trip Book.

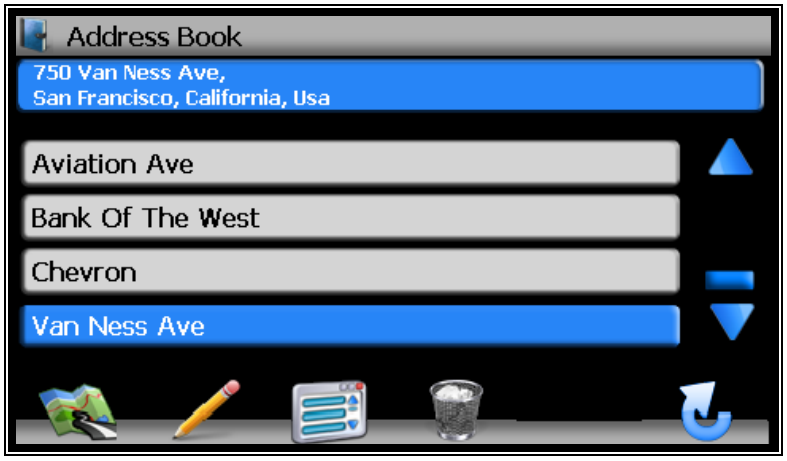


Edit Address Book

The "Address Book" option allows adding and editing address book entries.
Select "Edit Favorites" from the Main Menu then select "Address Book":

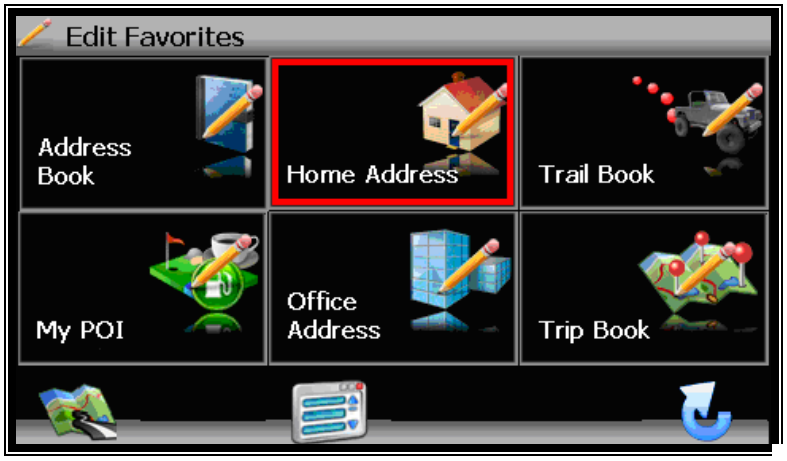


Use Edit function to rename address book entry and to delete.

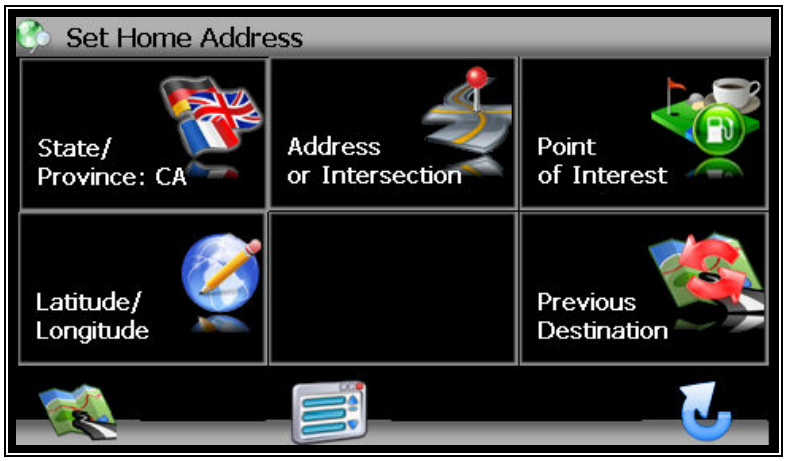


Edit Home Address

The "Home Address" option allows adding or replacing home address.

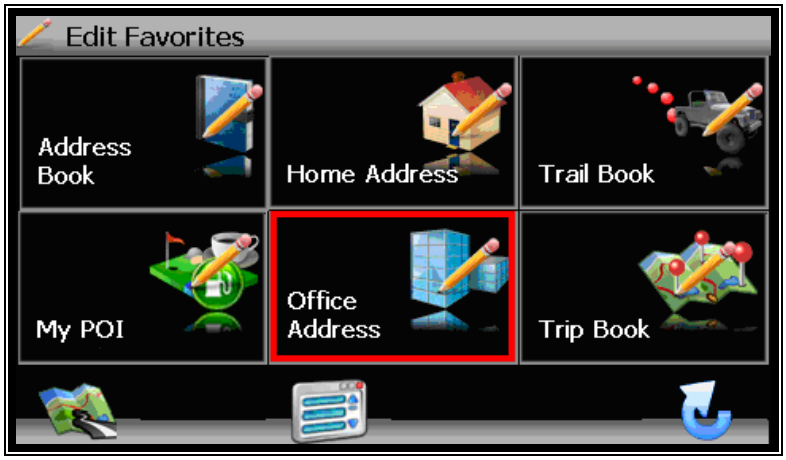


Select home address from the following places.

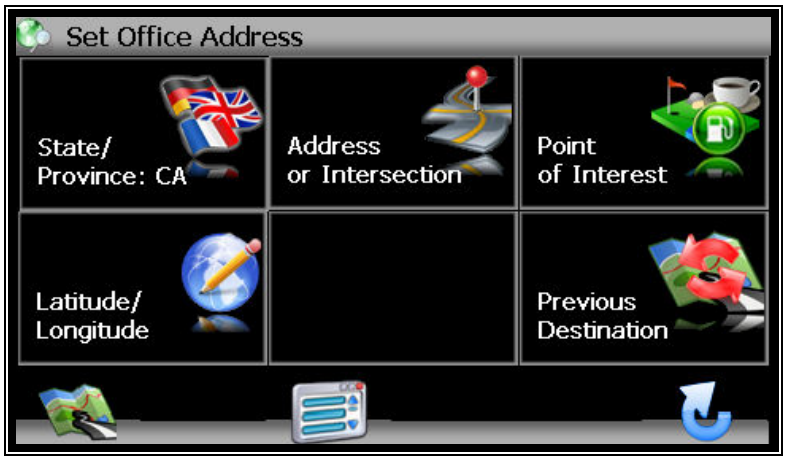


Edit Office Address

The "Office Address" option allows adding or replacing office address book.

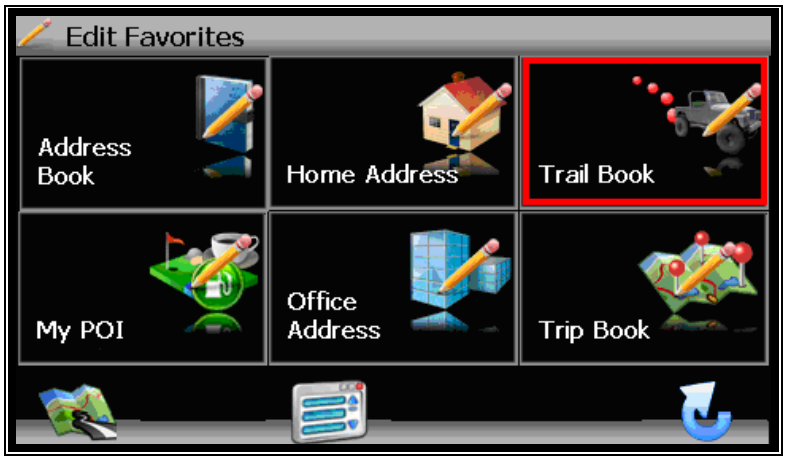


Select office address from the following places.

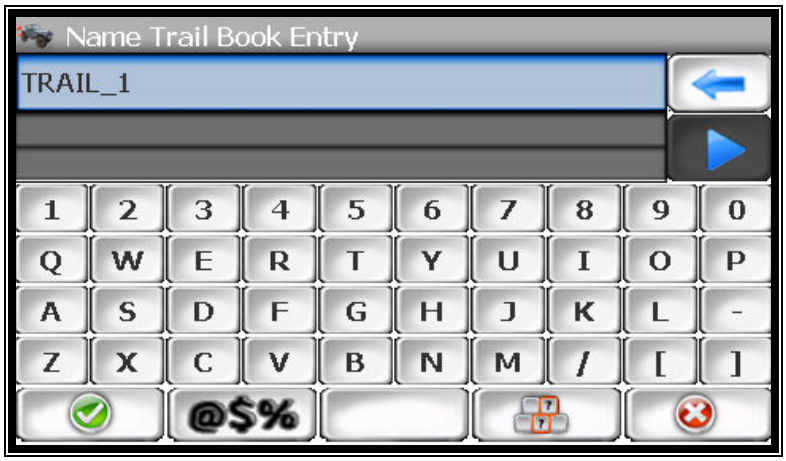


Edit Trail Book

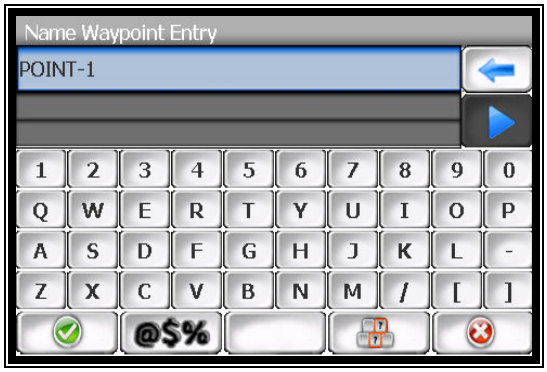
The "Trail Book" option allows adding, editing and Setup display for trail book entries. The main purpose of the "Trail Book" is off-road navigation. For example in the area where the digital map coverage is not sufficient or completely missing. A trail represents a path taken by a vehicle while the trail is being recorded. Each trail is shown on the map as series of dots. User can select a color for each trail.
User can assign names to some of the dots on the trail. These dots are called waypoints. The name of the waypoints will be shown on the map. Otherwise dots representing the trail are recorded automatically by navigation application.
Waypoints can be selected as destinations after the trail is completed (saved).



Add Trail



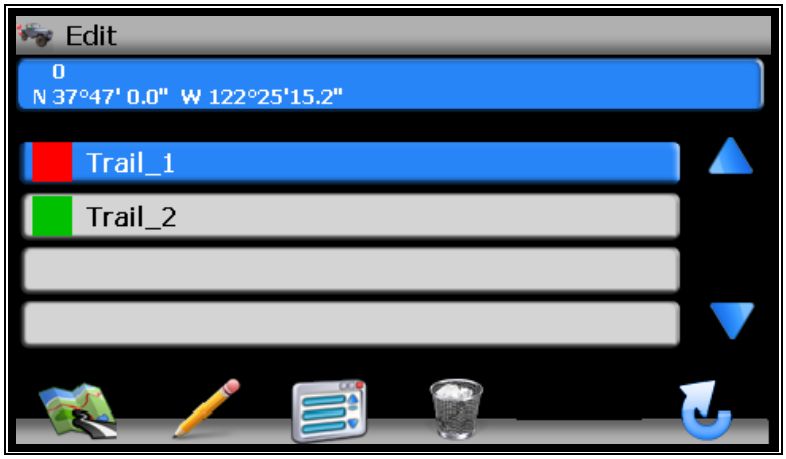
Press current position to add a waypoint:

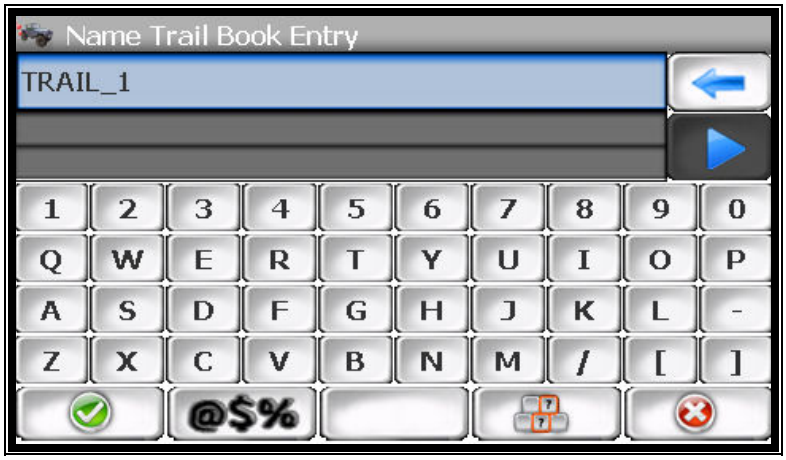


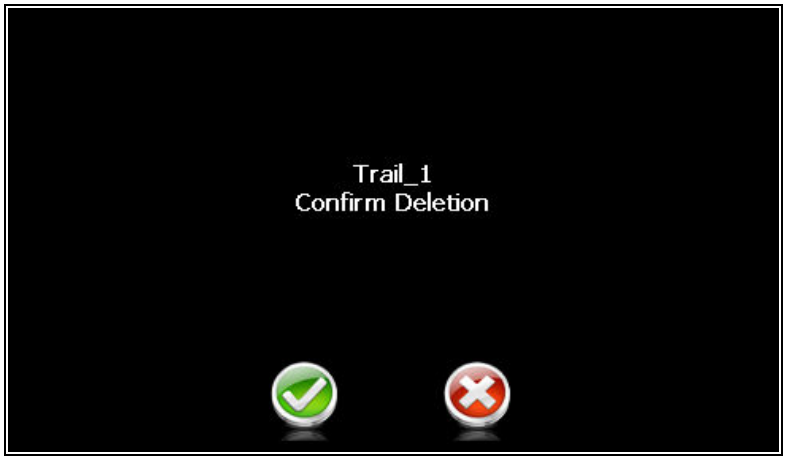
Press Menu icon and select Stop Trail when you complete the trail.

Edit Trail

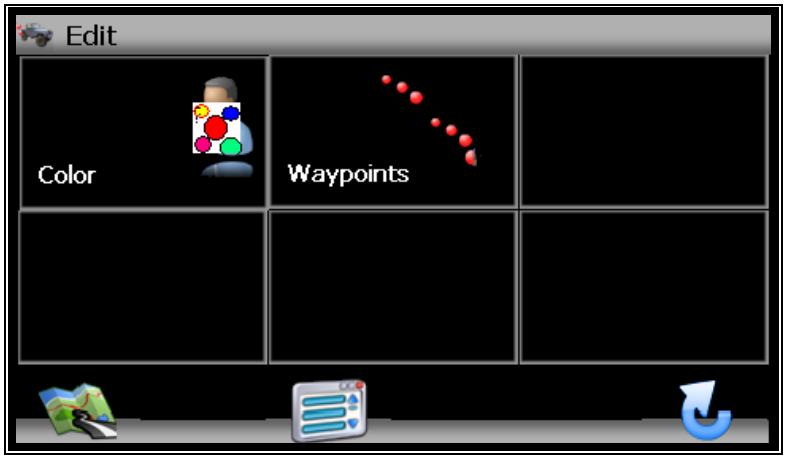
Select the trail name, use to rename the trail and to delete the trail.

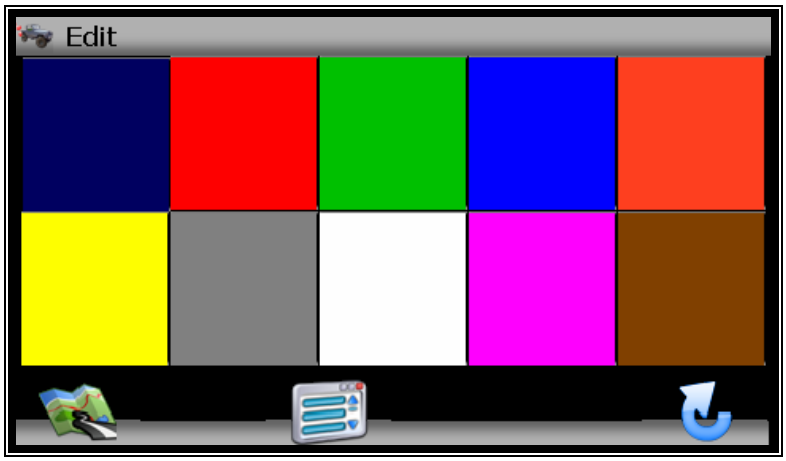


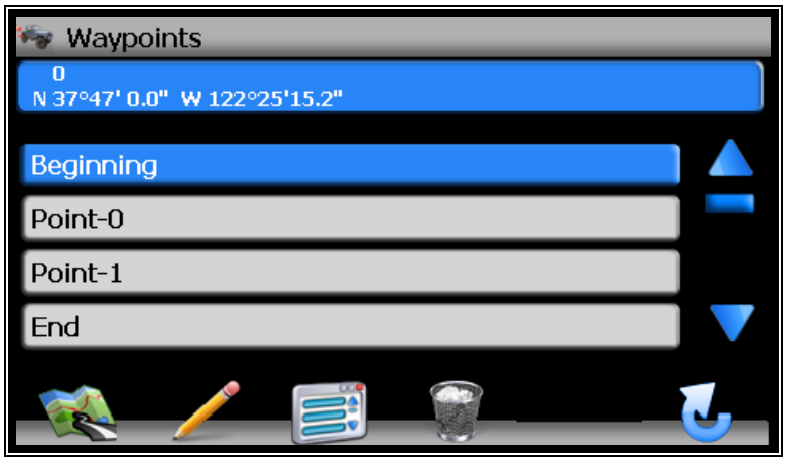




Select the highlighted trail name to edit color and waypoints.

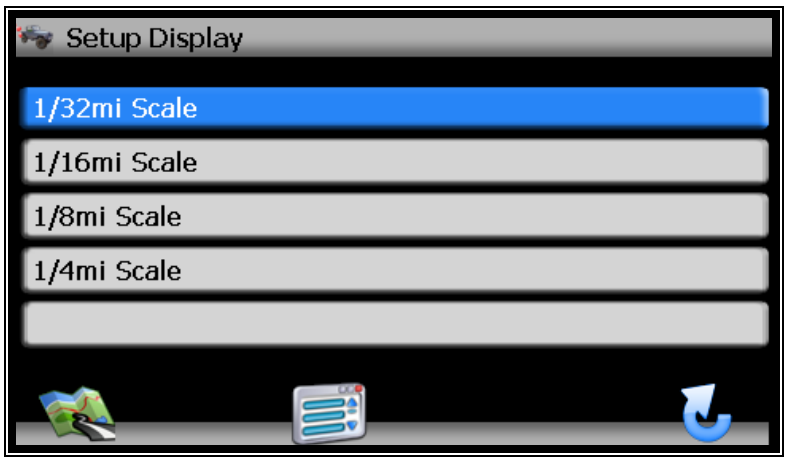


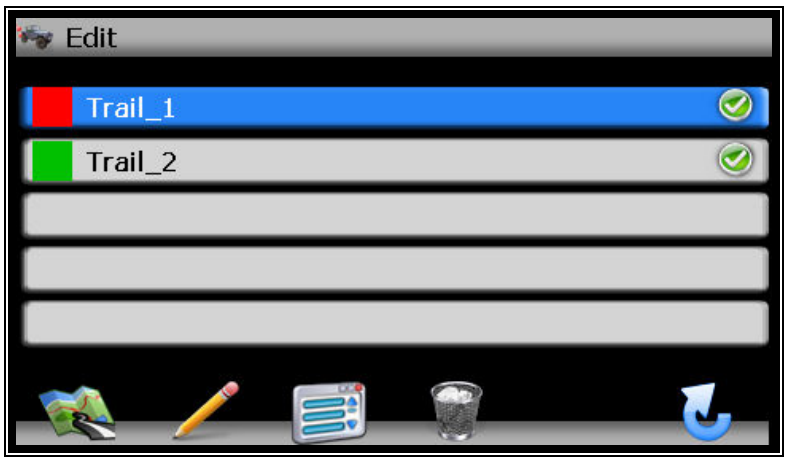




Use to rename the waypoints and to delete the waypoints.

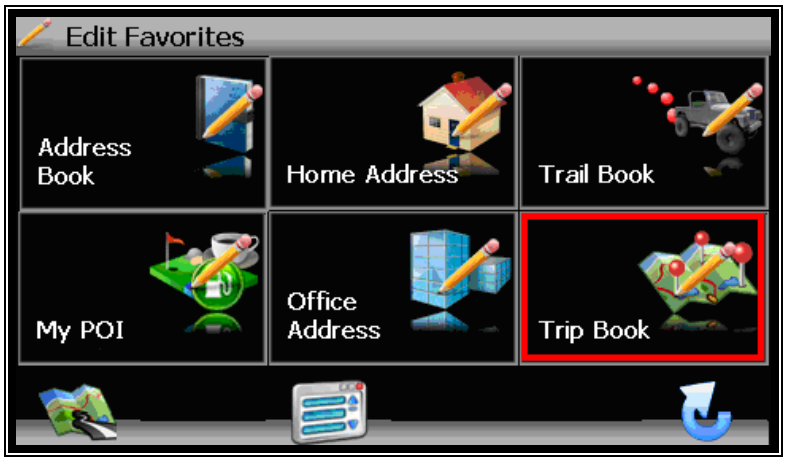
Setup Trail Display
Select Setup Display and set the map scale for the trails to be displayed.





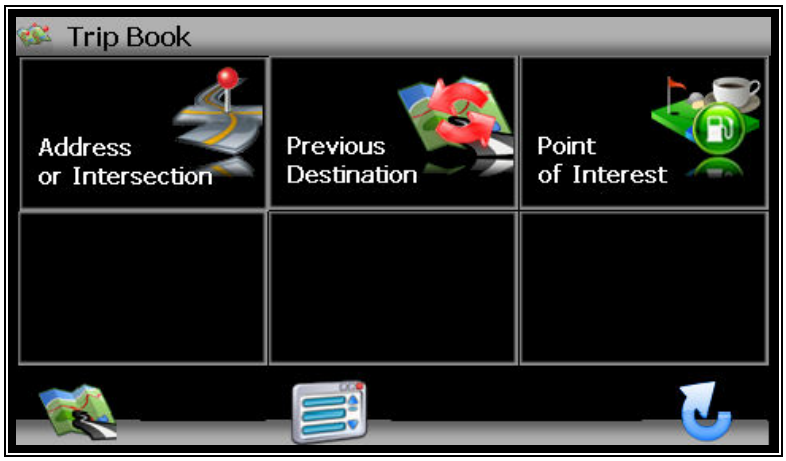
Edit Trip Book

"Trip Book" is a collection of trips. Each trip represents a set of multiple destinations.



Edit Trip Book allows adding and editing trips and destinations within a trip.

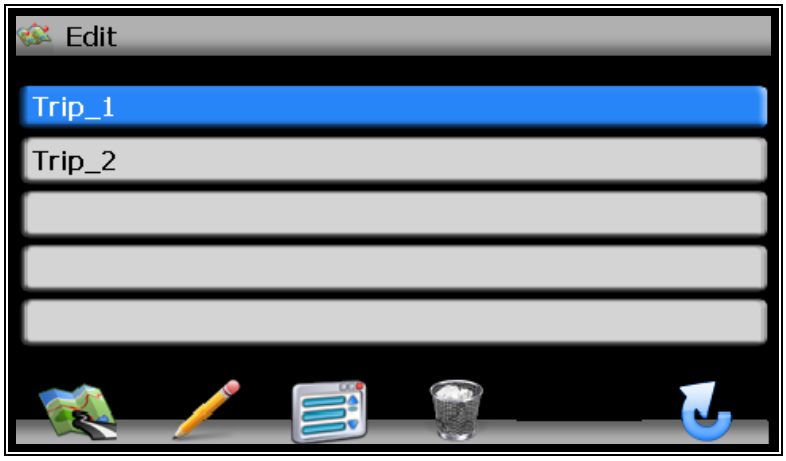
Add
Add allows adding trips and destinations within a trip.



Press to add additional destinations to the trip, Press to rename the destinations and press to delete an existing destination in a selected trip.

Edit

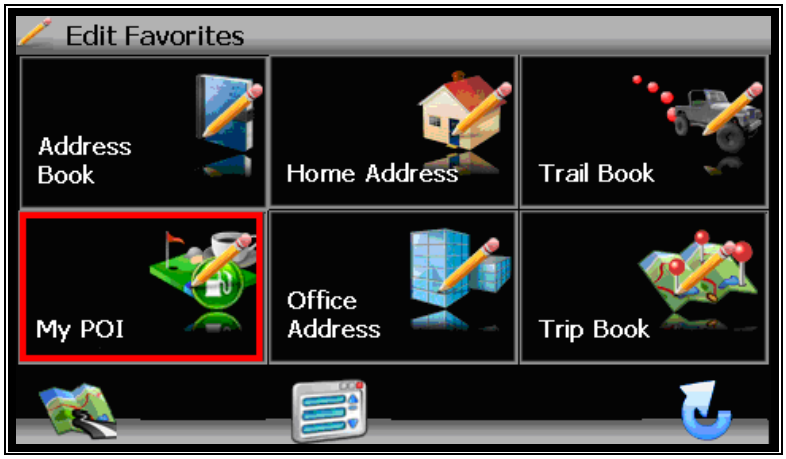
Edit allows modifying destinations within a trip and or deleting an existing trip.



Press to rename the highlighted trip and press to delete the trip.

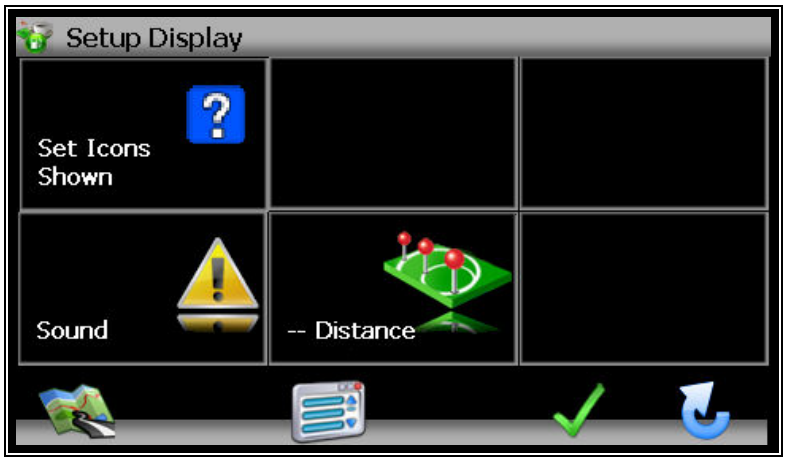
Edit My POI

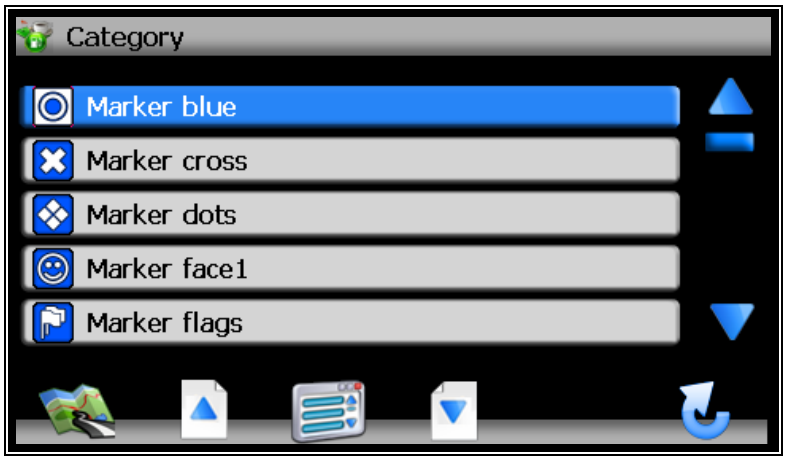
The user can create personalized categories of Point Of Interest.



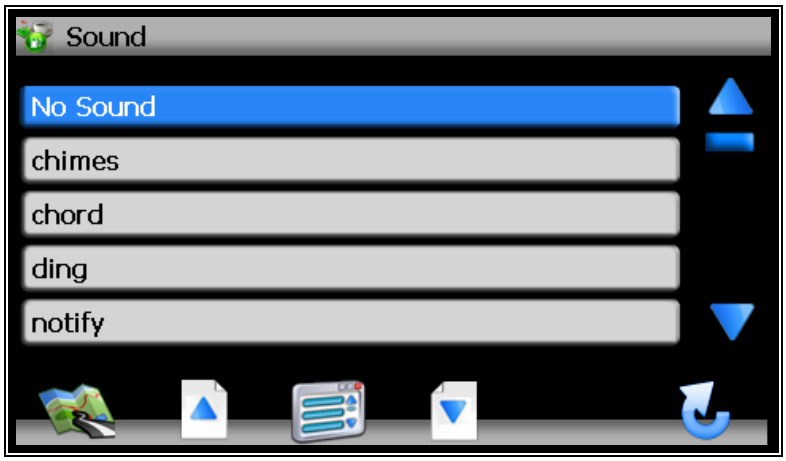
Add Category

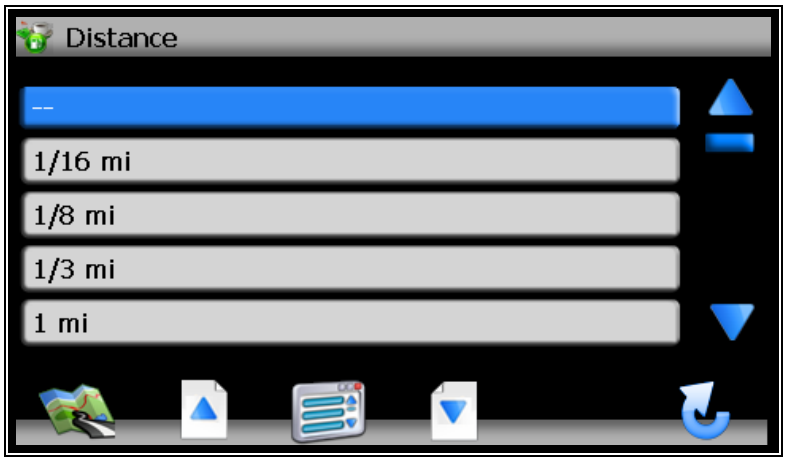
In order for My POI to work properly, a category needs to be created first before adding a destination as a POI. Use keyboard to create a new POI category name and set icon, sound and distance of your choice to the created category.



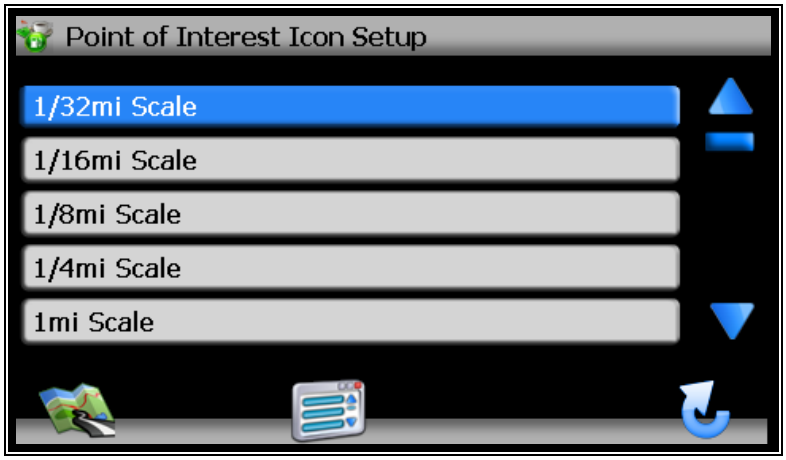


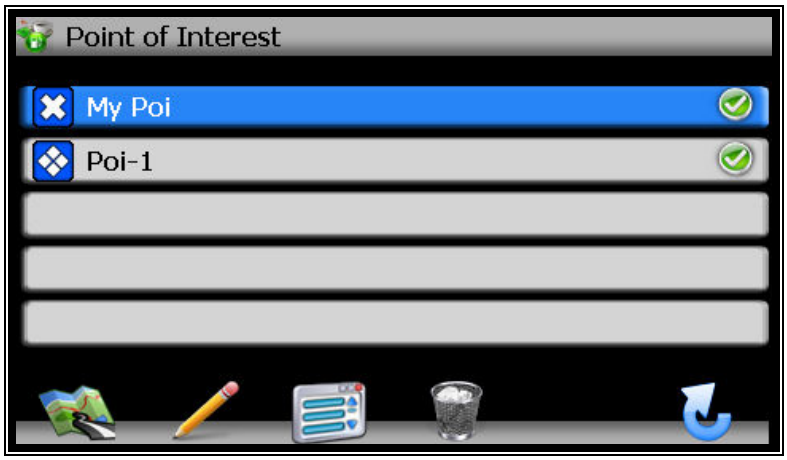
By selecting sound and distance the system will alert you when you are approaching the POI destination.



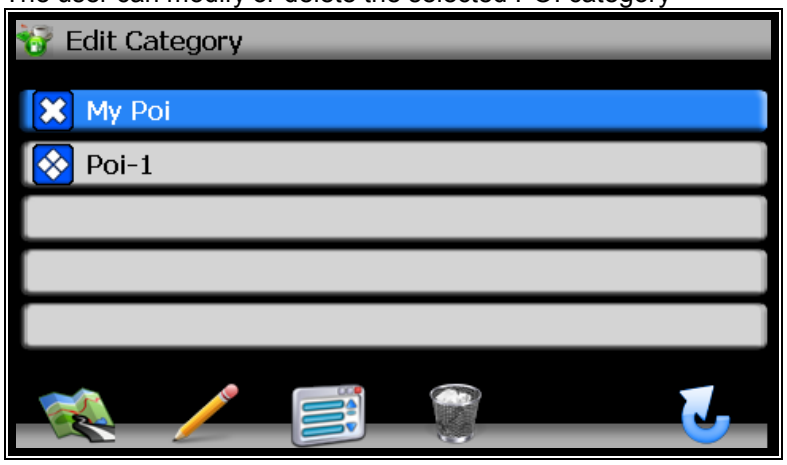


Setup Display
By selecting the map scale, the user can hide or unhide the POI's display on the selected map scale view.



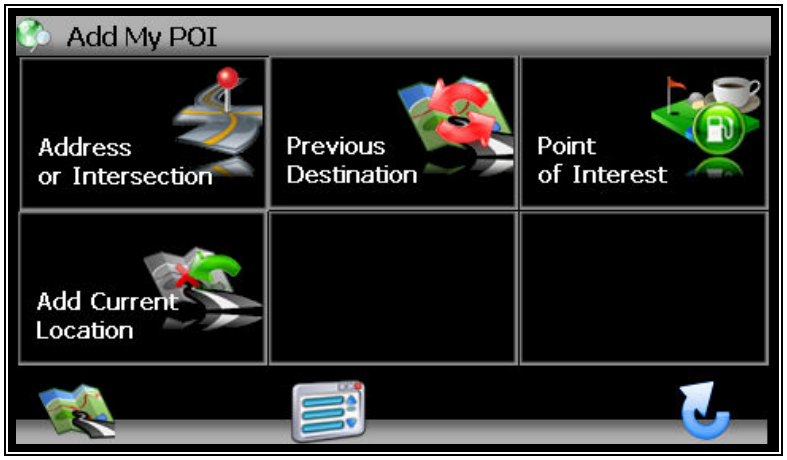


Edit Category
The user can modify or delete the selected POI category

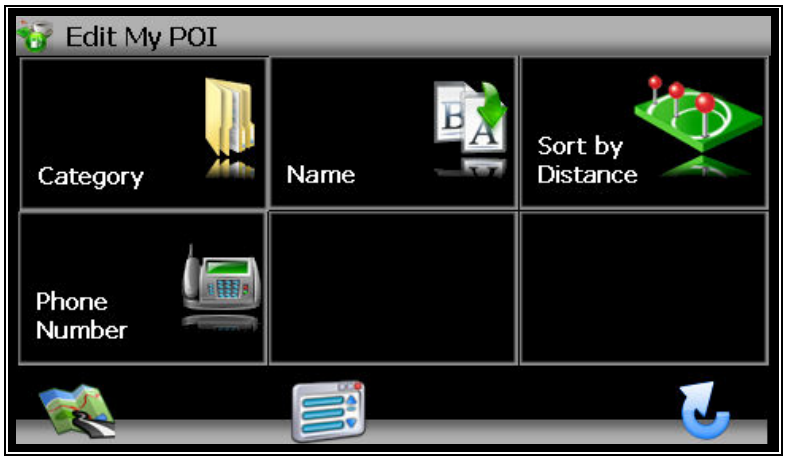


Press to rename the POI category or press to delete.

Add to My POI
By selecting a destination, the user can add this destination as a POI to the POI category you have created.

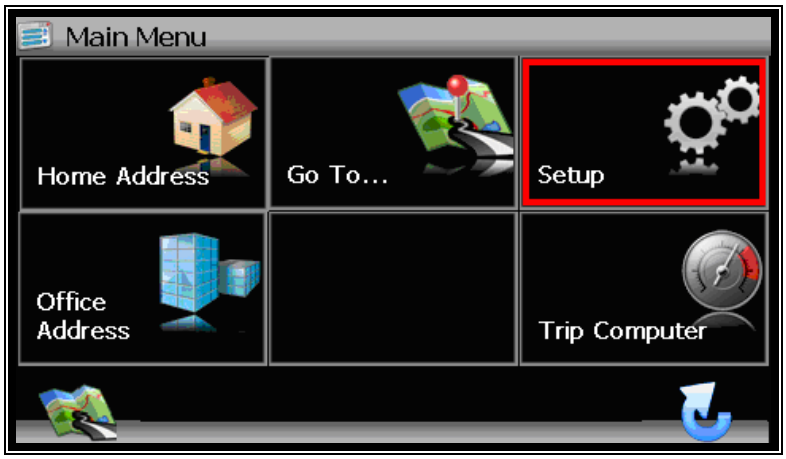


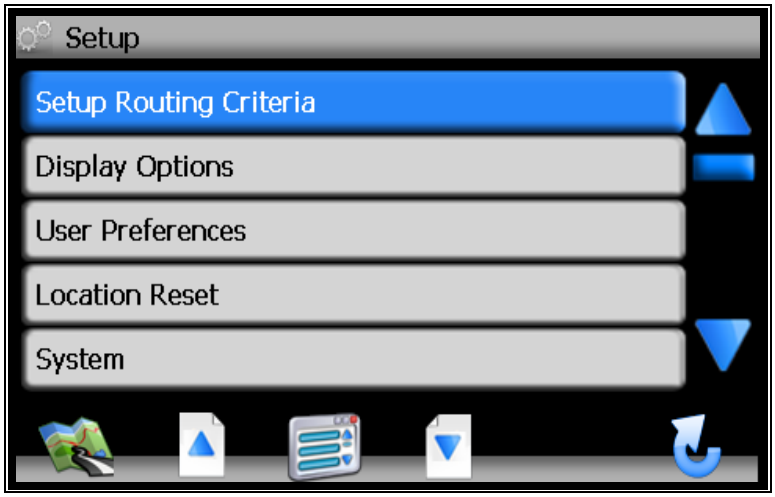
Edit My POI
The user can modify the POI items by category, by name or by phone number.
The POI names can be edited or deleted from the list.



Set-up Menu

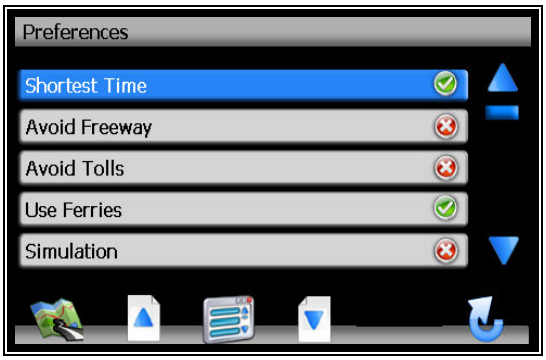
You may customize the NavMate software to your own preferences. Select Set-up option to adjust navigation preferences, display options, and units (km or mi) settings. You may also reset the vehicle position and do some basic system diagnostics through the Setup Menu.

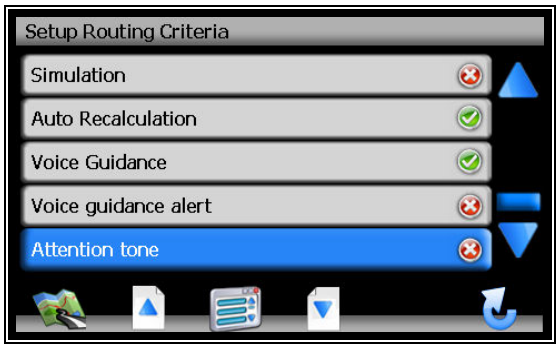




Setup Routing Criteria

Navigation Preferences allows you to set the simulation mode on, and set the route calculation and guidance options.

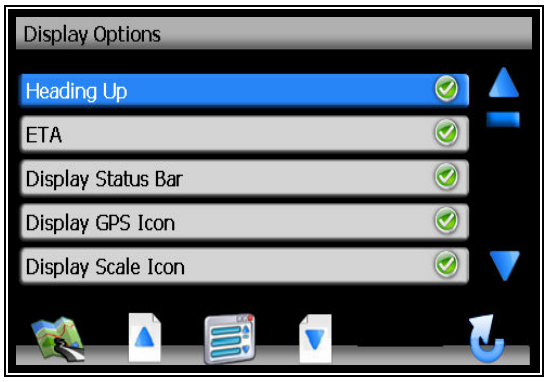




- Simulation On/Off – When On, the NavMate software will "drive" the selected route even though the vehicle is not moving. Simulation ON turns off the GPS signal processing. This mode can be used to preview a route, or show off the system to friends.
- Shortest time/distance – Determines if the NavMate software emphasizes finding the fastest or the shortest route.
- Avoid Freeway yes/no – Determines if the NavMate software avoids or uses freeways in the route calculation.
- Toll Yes/No – Determines if the NavMate software uses toll roads in the calculated route.
- Auto Recalculation On/Off – When On, the NavMate software will automatically recalculate the route if the current route is left.
- Voice Guidance On/Off – When On, the system will give audible guidance.

Display Options

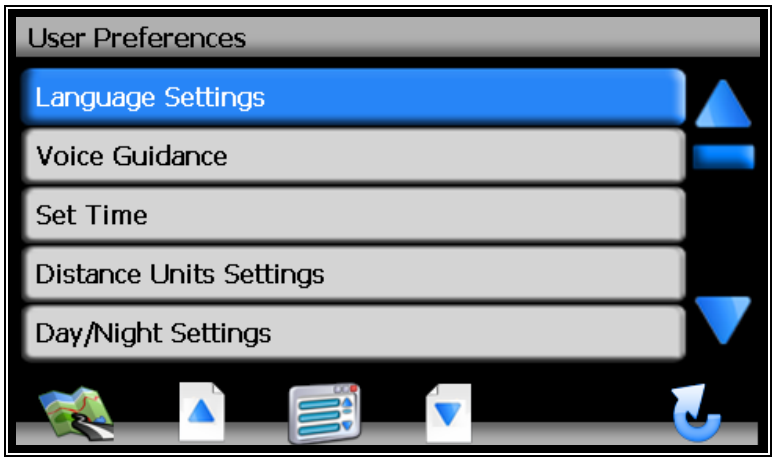
Display options allow you to set the map orientation and some of the information items displayed.



- North Up/Heading Up – Determines if the map is always displayed with North direction at the top of the screen or if map is always adjusted so that vehicle symbol points toward the top of the screen.

- Status Bar Display On/Off – Turn the display of the Status Bar on or off.
- GPS Icon Display On/Off – Turn the display of the GPS reception symbol on or off.
- Scale Icon Display On/Off – Determines if the map scale symbol is shown.
- Compass Icon Display On/Off – Turn the Compass symbol on or off.
- Next Maneuver On/Off – Set the display of the turn symbol.
- Intersection Zoom On/Off – Turn the true view on or off.

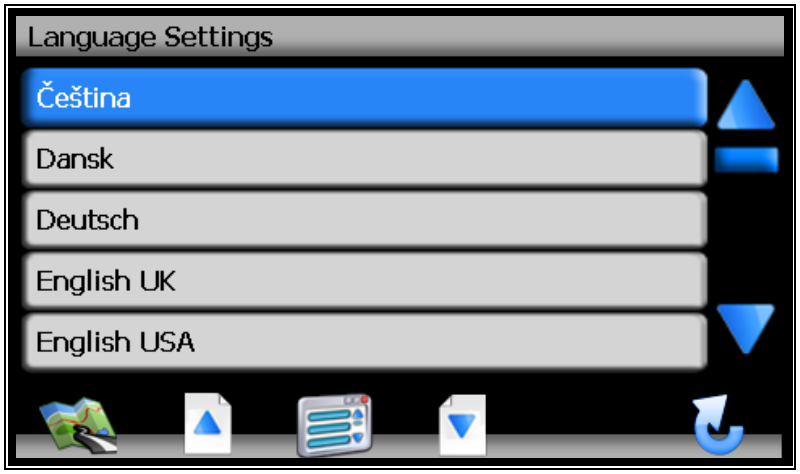
User Preferences



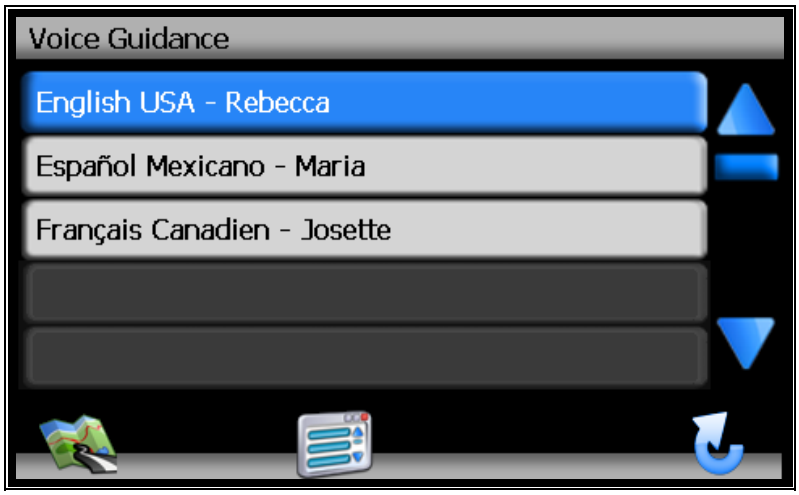
Language Settings

Language Settings

You can choose one of the following languages.

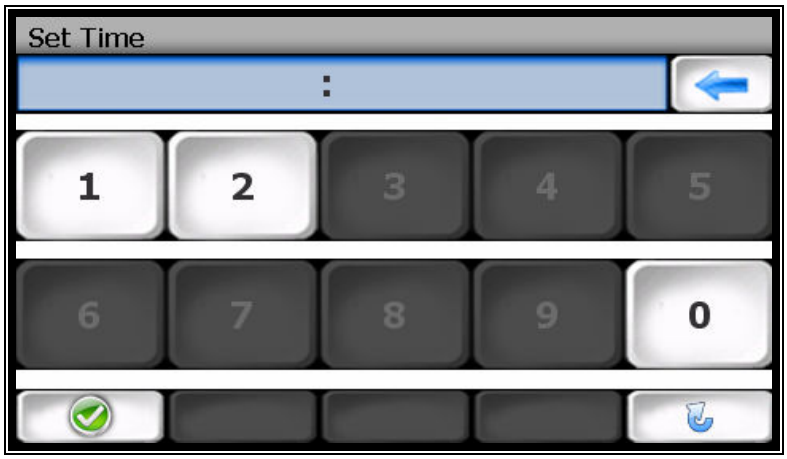


Voice Guidance
You can choose one of the following Voices.



Set Time

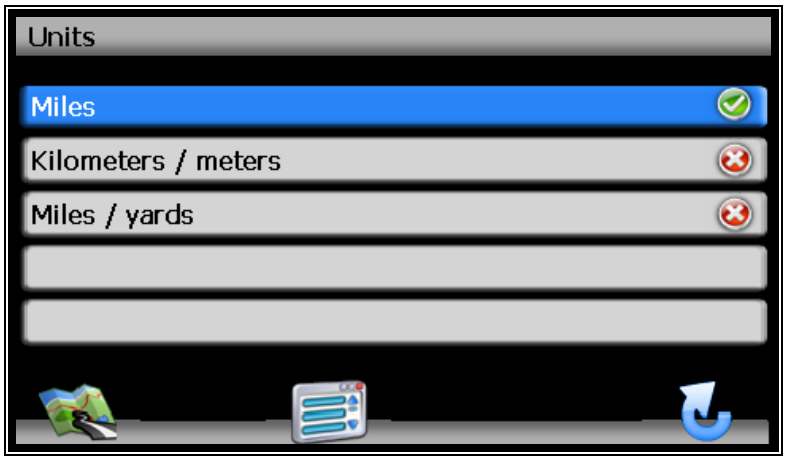
Set Time



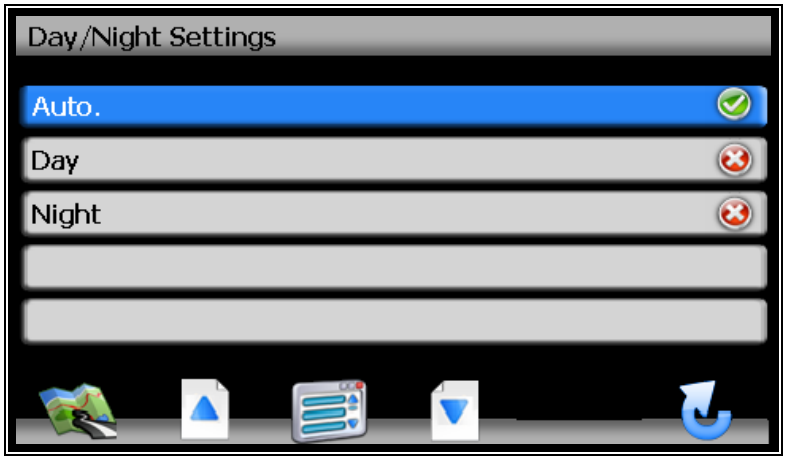
Distance Units Settings

The units used when displaying and announcing the distance to turns may be set to Miles (decimal miles, e.g. zero point three miles), Kilometers/meters, or Miles/yards based on personal preference.

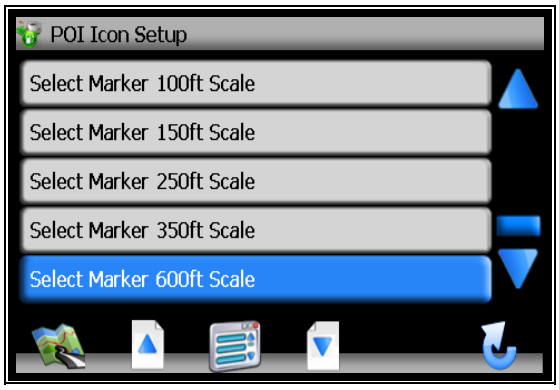
Distance Units Selection

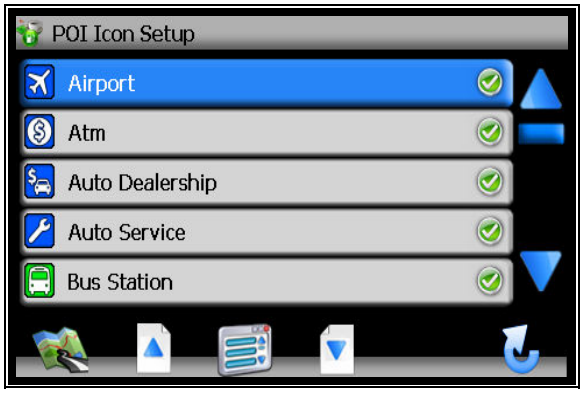


Day/Night Settings
You can select Auto, Day or Night color scheme.



Point of Interest Icon Setup
This feature will allow you to select POI that will be displayed in different scales.

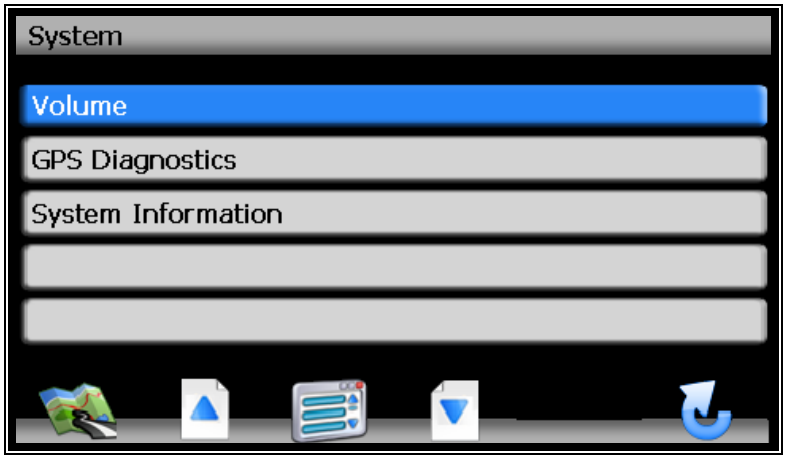




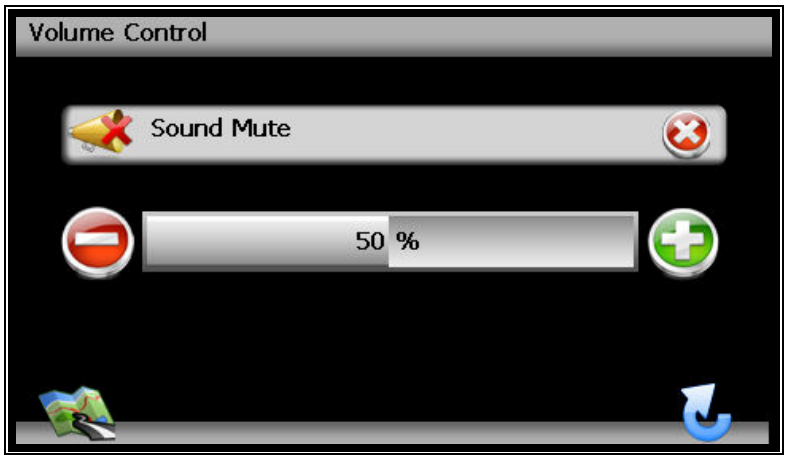
Location Reset
You may reset the location of the vehicle symbol using the Location Reset option.

System
The System Diagnostics menu allows you to Set Volume, diagnose the GPS reception status and provides information on the current software and map version numbers.

System Menu

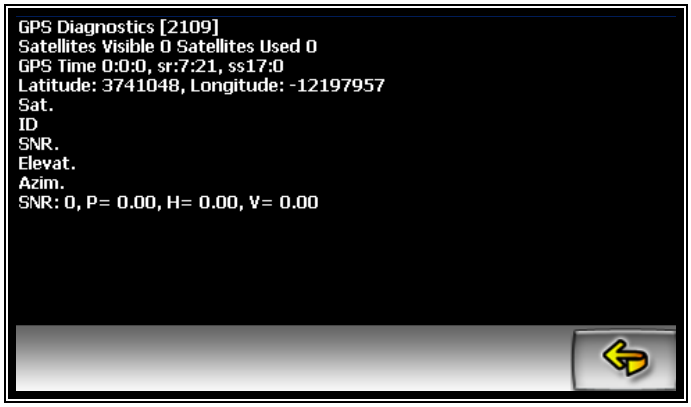


Volume
Allows the user to set or mute the volume of the navigation unit.



GPS diagnostic
The GPS diagnostic displays the number of GPS satellites currently in view and how many are currently being used. The GPS satellite time is displayed (UTC) and so is the latitude and longitude determined from GPS.

GPS Diagnostic Test Result



System Information

The version numbers for the system software and mapping can be found under System Information.

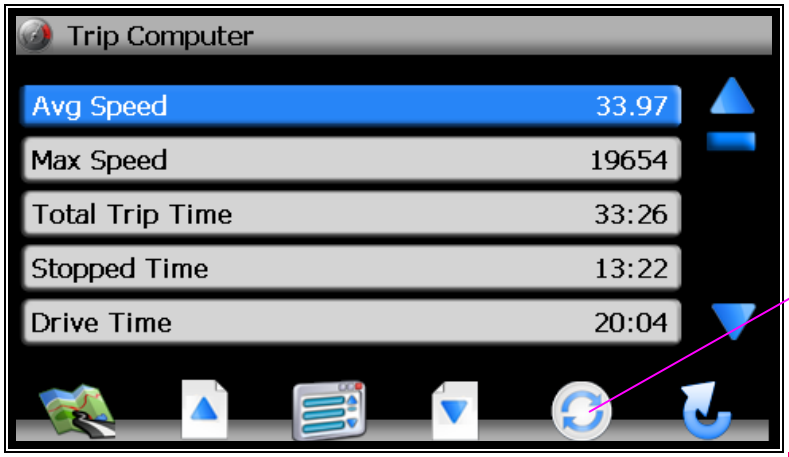
System Information

Application: v.4.0.43
DB: ZAF v.5.7.6 ADBP TELEATLAS 8.2
Build: Sun Jun 15 20:32:31 PDT 2008
Map: v.3.1, Languages: v.48.B
Device ID: 00
Copyright (c), 2008
Horizon Navigation, Inc.

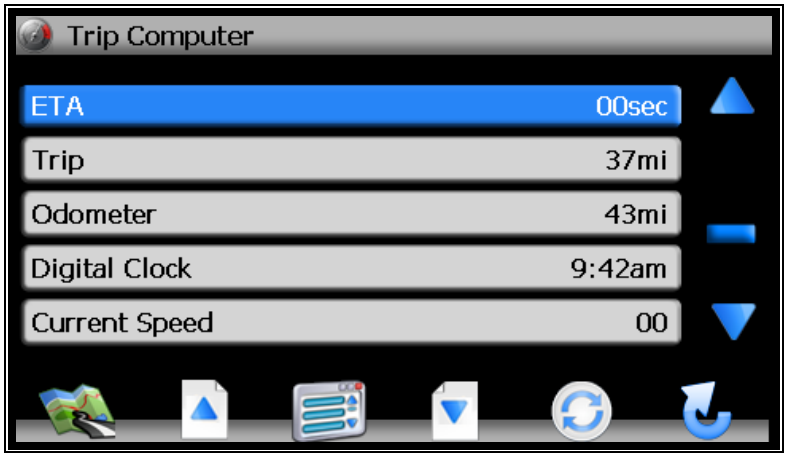
Trip Computer

Trip Computer gives the readings of speed, trip related timing, elevation, odometer and clock.

Press to display detailed reading of each filed.

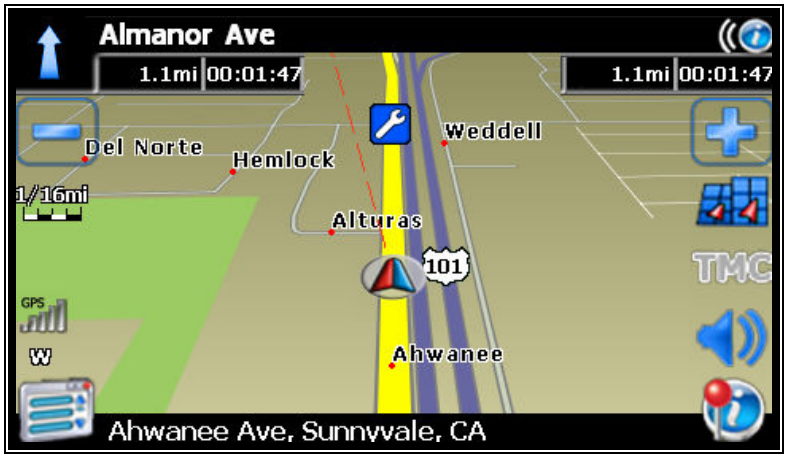


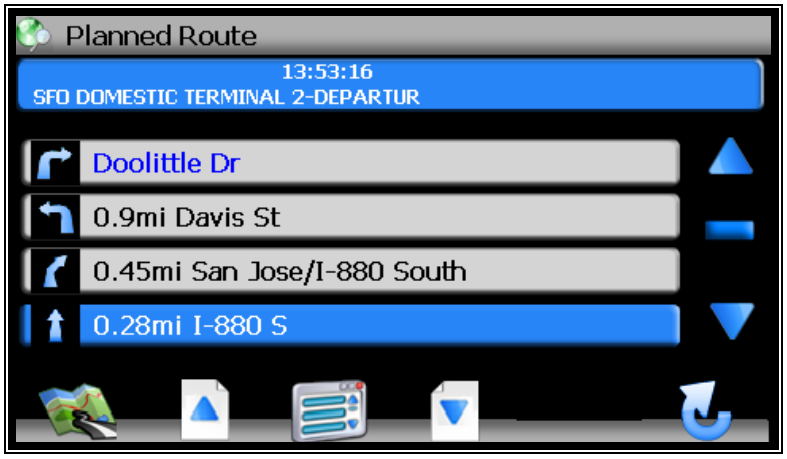
Scroll the Up or Down arrow button to choose the field then press to reset current reading.



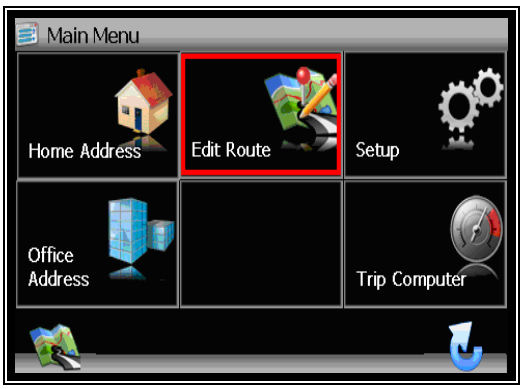
Planned Route

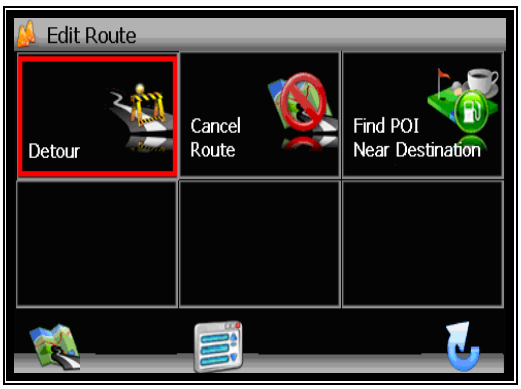
To view planned route on a highlighted route click the top left corner Icon and the system will display the entire route list.



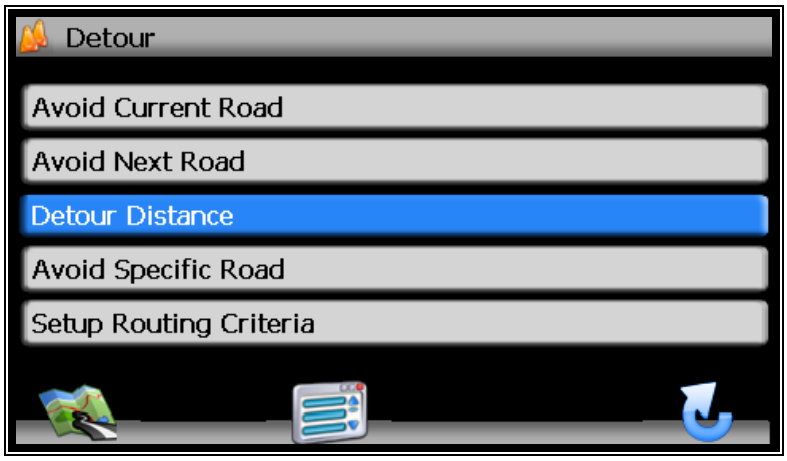


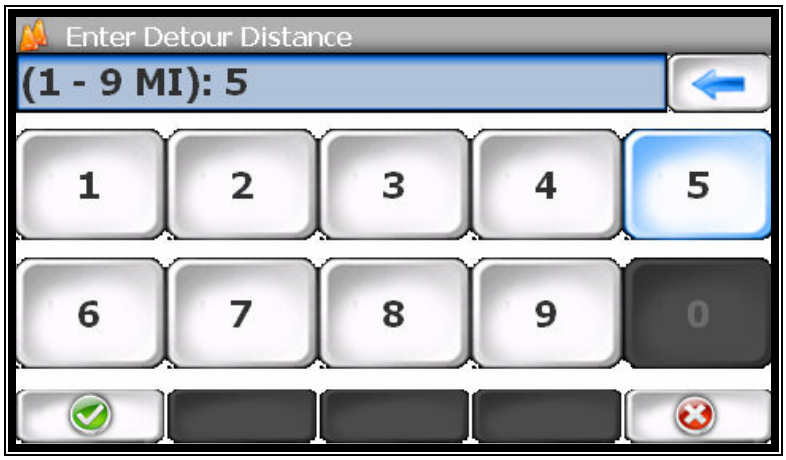
Detour





Detour Distance

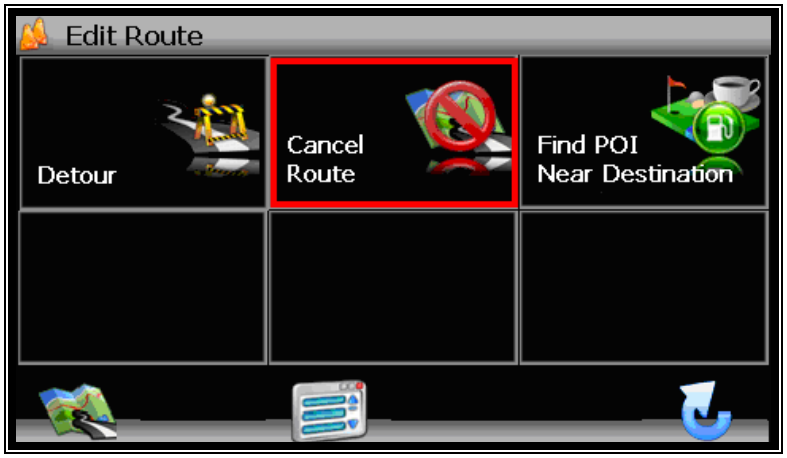




Avoid Specific Road

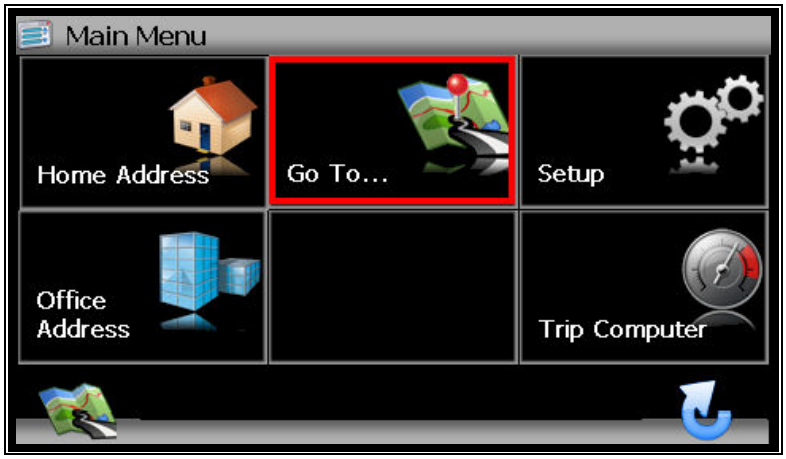
Cancel Route

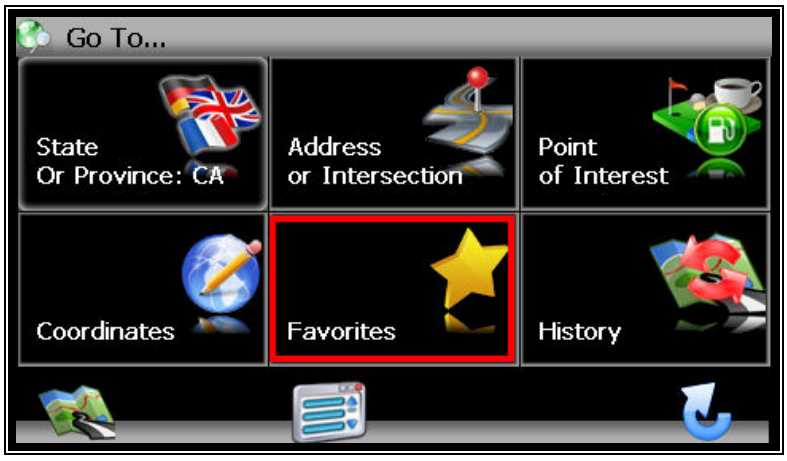
Select this function to cancel the current route.



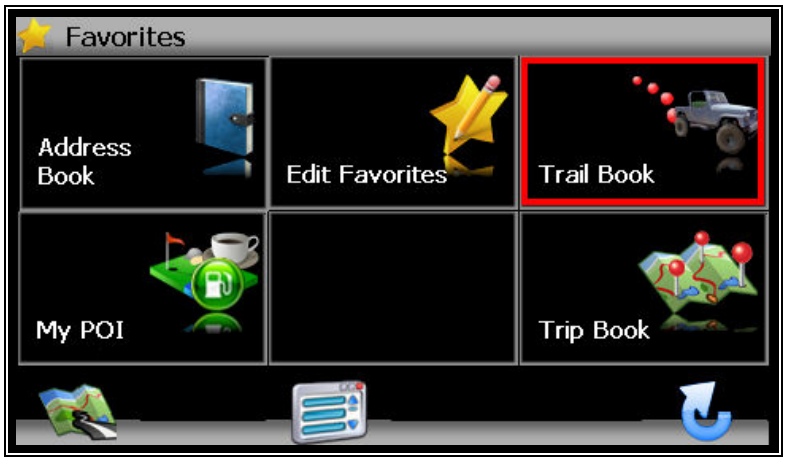
Follow Trail

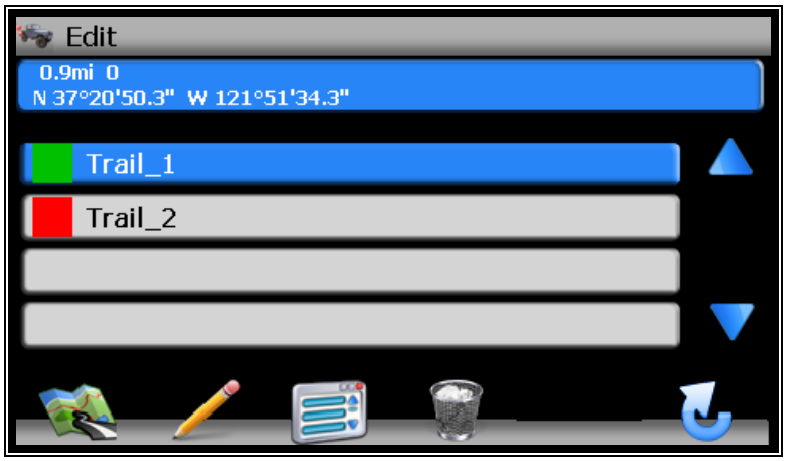
Next time when you go off-road, you can follow the same trail you created by selecting "Start Route Guidance" then select "Trail Book" and finally select an existing trail.



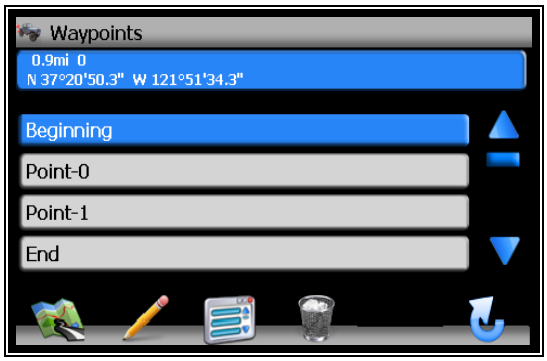


You will see the following screen upon selecting a trail:

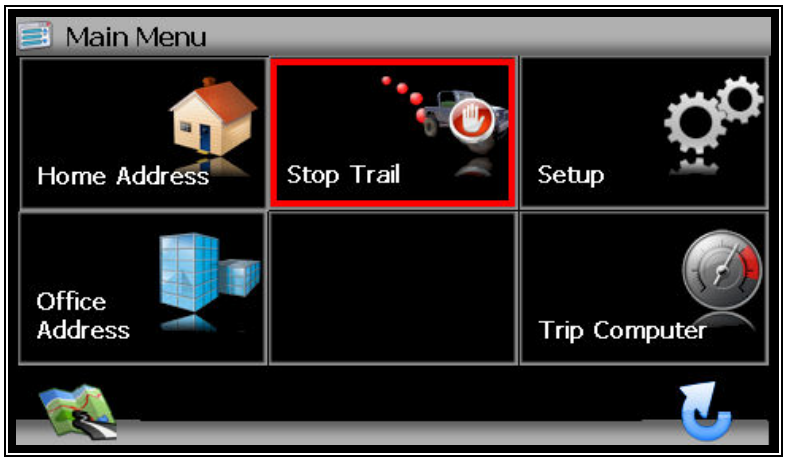




You can select to go to any points in this trail as a starting point. Upon your selection, the system will point you with a red line to that starting location. You will follow the red line to the starting point and start your trail blazing by following the dotted line.



Press Menu Icon then select "Stop Trail" to cancel route.



Appendix A: NavUtil Manual

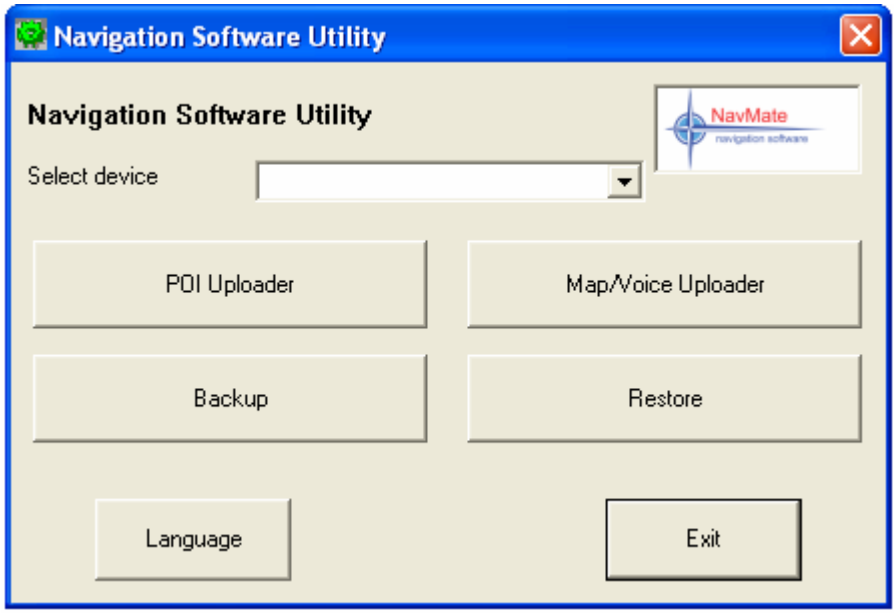
Introduction

Navigation Software Utility (NavUtil) has 4 major components:

1) POI Uploader
2) Map/Voice Uploader (**For installing Navigation System on memory card or HDD**)
3) Backup
4) Restore.

This utility helps the user to upload/download POI files, map and voices files, backup the user specific data files and also to restore user specific data files into the navigation unit.

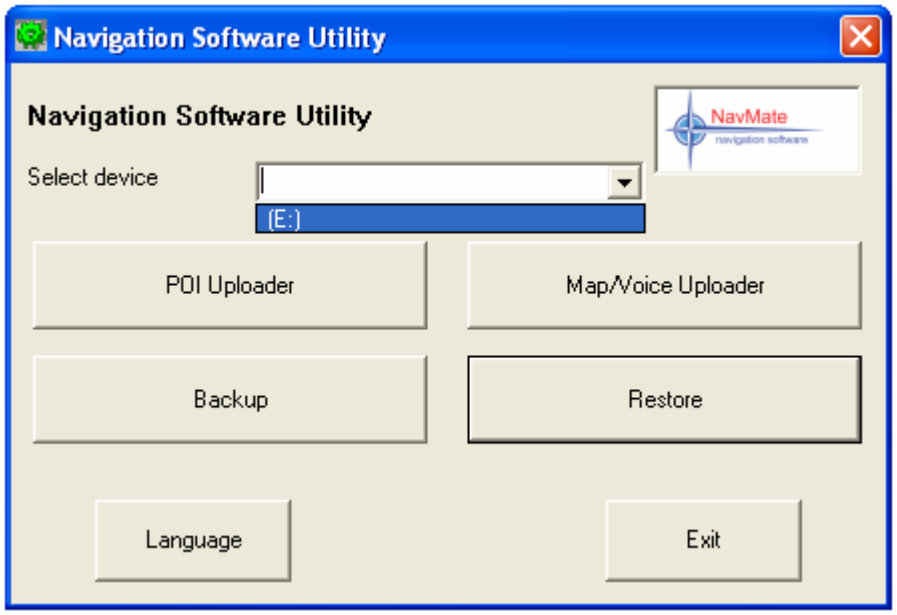
The NavUtil Tool pops up when the DVD is inserted into the PC. As per the requirement the tool can be used for further usage. Please refer to following screen:



Select Device and Language function

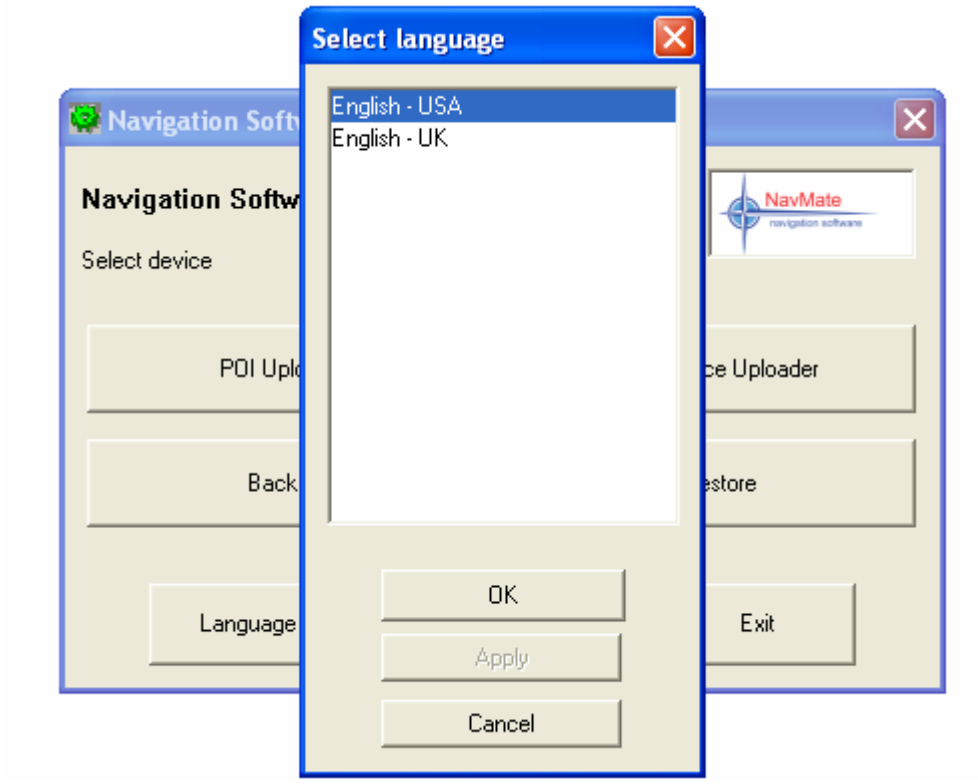
Select Device

Select Device allows you to access your navigation SD card or navigation device. For example, if your navigation SD card is inserted in E: drive, you will be able to select it.



Language

It allows you to select different languages when running NavUtil. So far it supports US English, UK English and Russian.



POI Uploader

POI Uploader intended to edit and upload POI categories and import and upload list of POI's. The user should download the POI files from the internet and save them on PC in a folder like C:\POIFiles. When POI Uploader is started and "Add" button is clicked to open the C:\POIFiles, it shows list of saved POI imported files. Whatever files the user needs to upload should be collected and loaded.

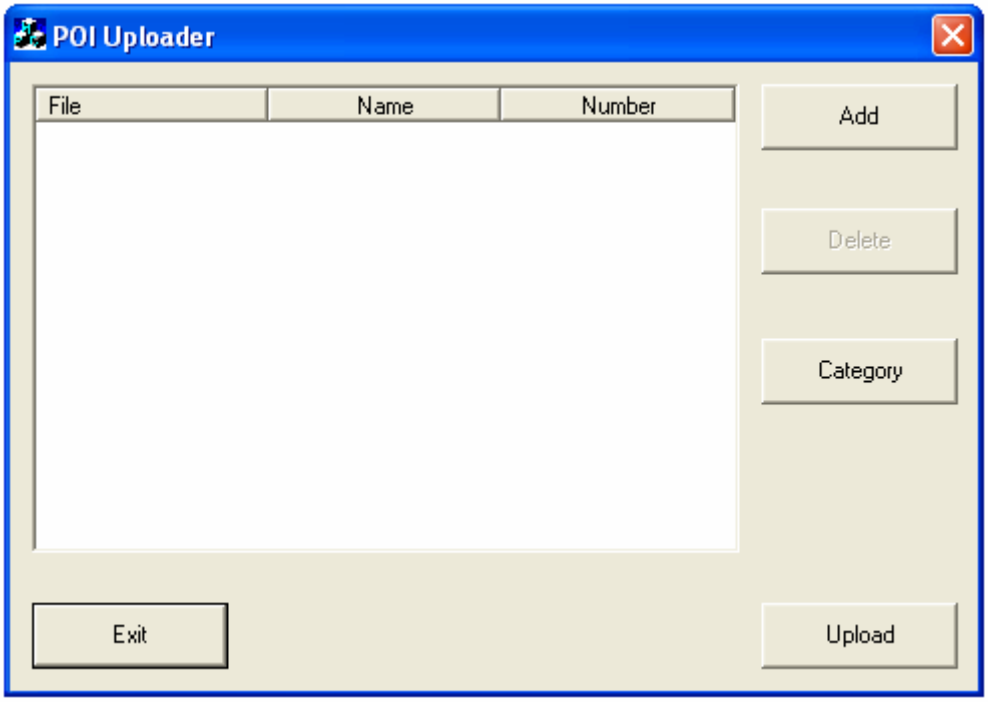
- Button "Add" adds new file to import list. By activating this button, "Open file" dialog box appears. If a file is chosen then "Select category" dialog box appears. If category is selected or created (by new button) and assigned to the file, file name will be inserted in POI file list in front of main dialog box.

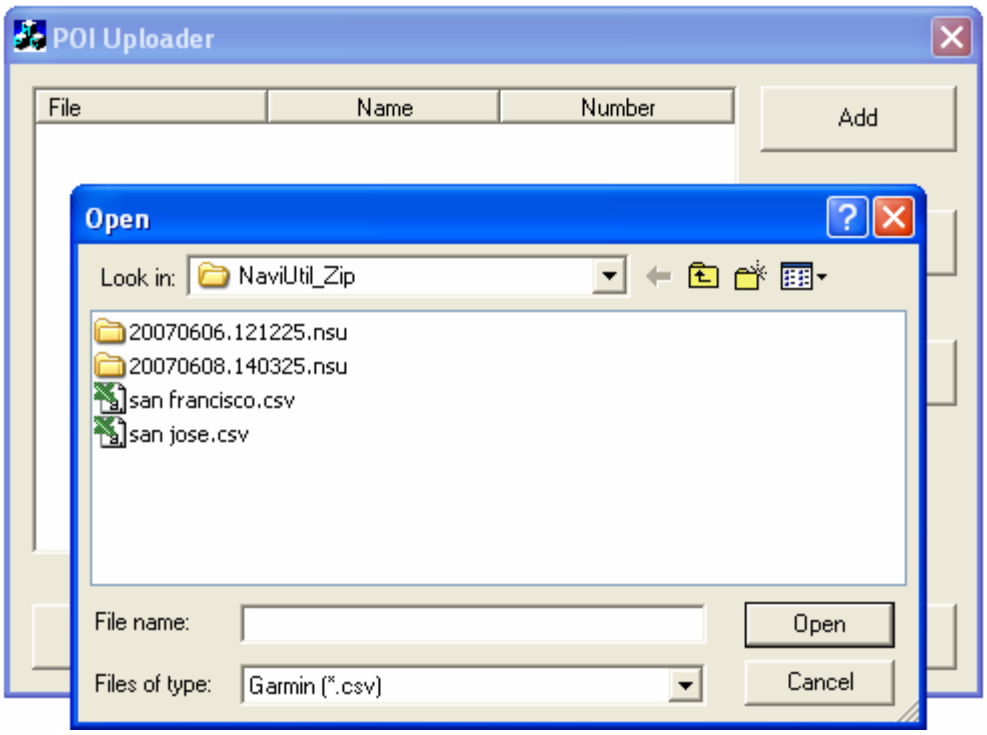
- Button "Delete" allows deleting one or more selected files. When button is activated a message box with prompt to delete appears. If user presses "Yes" selected file will be removed from the file list. If "No" button is pressed, deleting process will be terminated. "Delete" button will be disabled till; at least, one (or more) files will be selected in the file list.

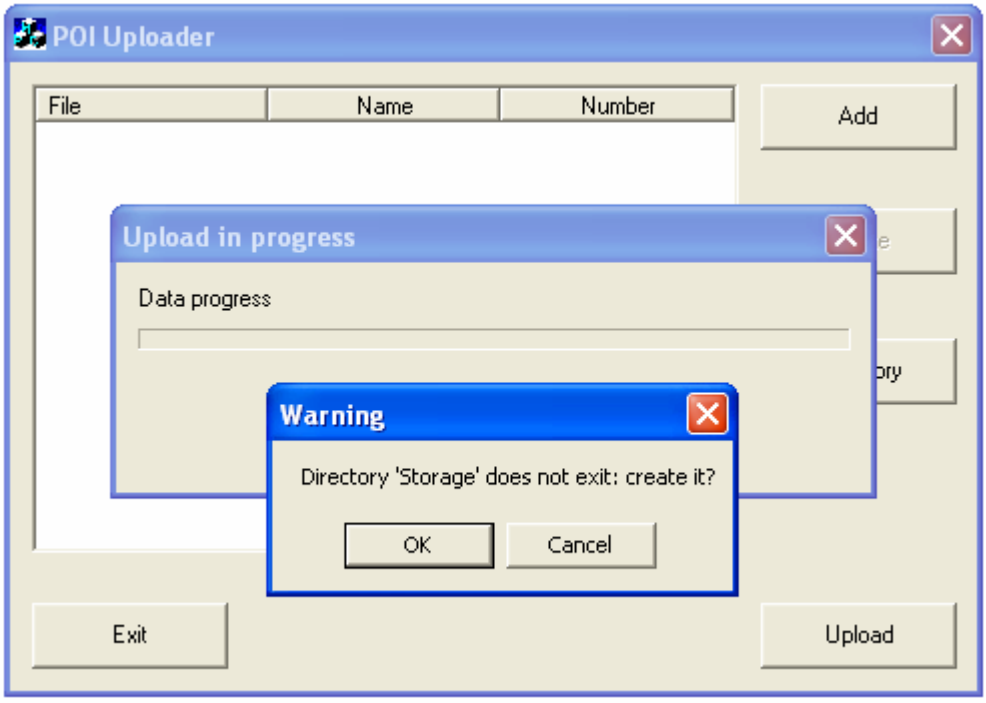
- Activating "Category" pops up "Select Category" dialog box. Button "Category" is intended to change assignment between imported files and categories by editing or creating new categories.

- Button "Upload" starts process uploading of file list to selected device. By activating "Upload", progress dialog box is started. If the Storage folder does not exists in the device warning message is given so that the user can create a Storage folder. The progress dialog box contains button to cancel process in middle. When upload process is over the progress dialog is closed automatically.

- Button "Exit" finishes running the application and exists.

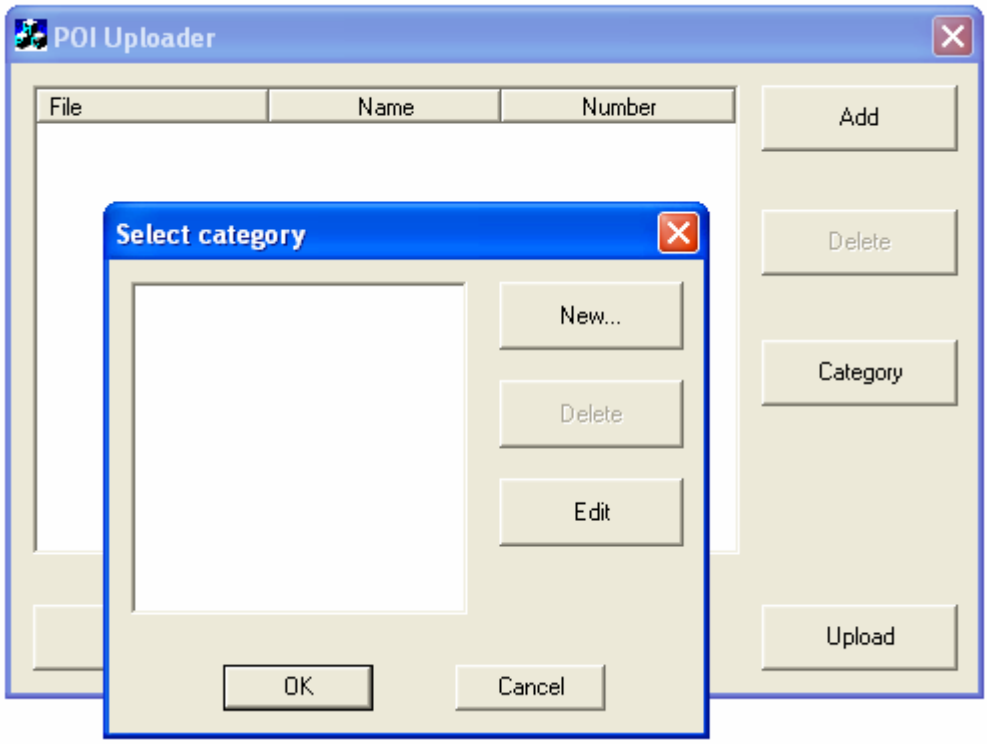






Select Category feature

"Select category" feature provides the user the ability to edit, add new and assign POI categories.



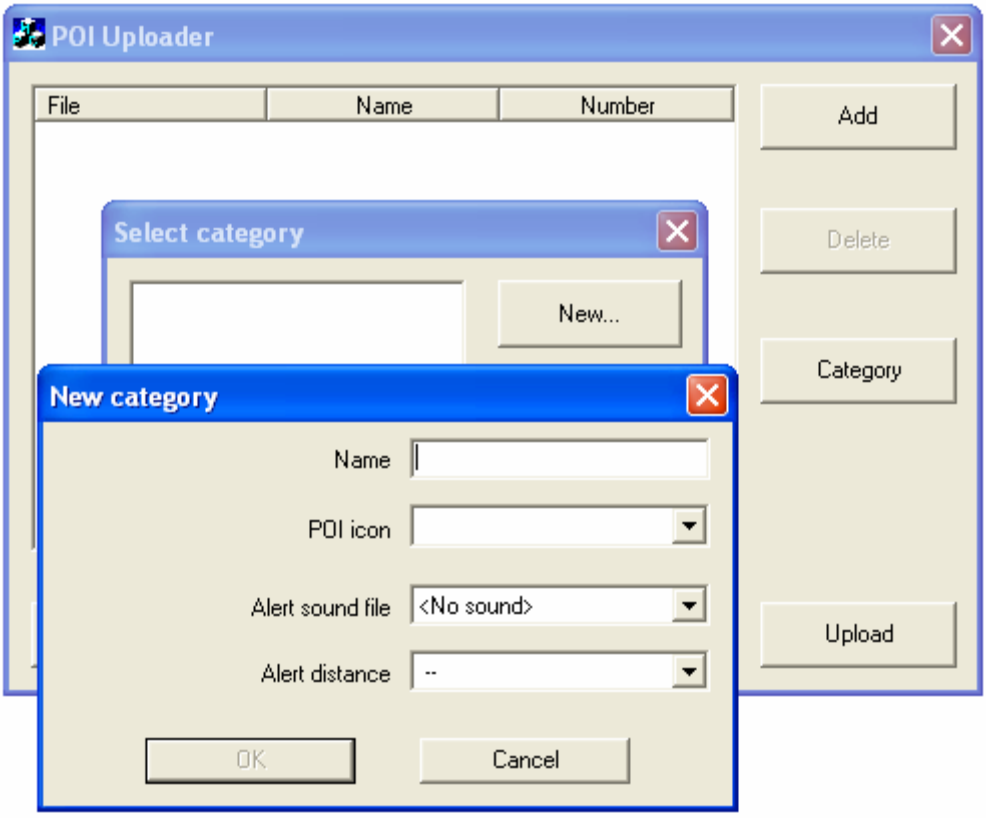
- Button "New" is used to create new POI category. In the New Category dialog box, name and POI icon is a must to create a new POI category.

- Button "Delete" removes one or more selected categories. If category is assigned to - some POI's, delete process is denied. While categories are not selected in the list, "Delete" button is disabled.

- Button "Edit" enables the user to change field of selected category. If there is not selected category or more than one category is selected "Edit" button is disabled.

- Button "OK" assigns selected category to the selected main dialog files. If more than one category is selected or no category is selected "OK" button is disabled.

- Button "Cancel" discards new assignment between category and POI file and closes the dialog box. Also, canceling keeps changes in category list and inside categories.



Map/Voice Uploader

(**For installing Navigation System on memory card or HDD**)

The Map/Voice Uploader utility is used to upload map data into the navigation unit. It helps to copy the selected map data from the Master DVD to the memory storage device like SD card, CF card, HDD (Hard Disk Device) etc. Before the map data is downloaded to the memory storage device, the existing navigation data i.e. Address Book and Previous Destinations will be backed up into a folder called \Navmate on your PC. After downloading is complete, the backed up data can be restored.

Steps to follow to download the Map Data

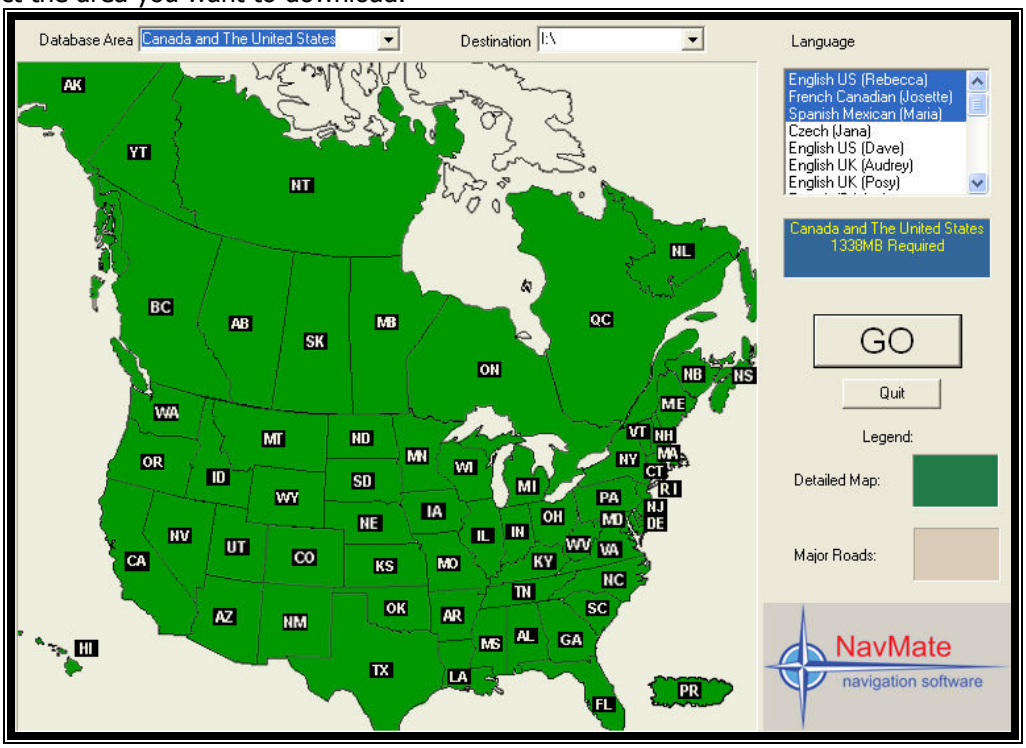
1) The following components are required on your PC:
   a. DVD-ROM drive
   b. USB port
   c. USB cable
   d. Memory card reader for CF card and SD card.

2) Connecting the memory devices:
   a. If the navigation device is using CF or SD card, then insert CF or SD card to memory card reader then connect it with the USB cable to the PC.
   b. If the navigation device is using HDD, then connect the device with the USB cable to the PC.

3) Select "Map/Voice Uploader" if you have NavUtil running on PC. If not, insert Master DVD in your DVD drive and wait for NavUtil to come up then select "Map/Voice Uploader".

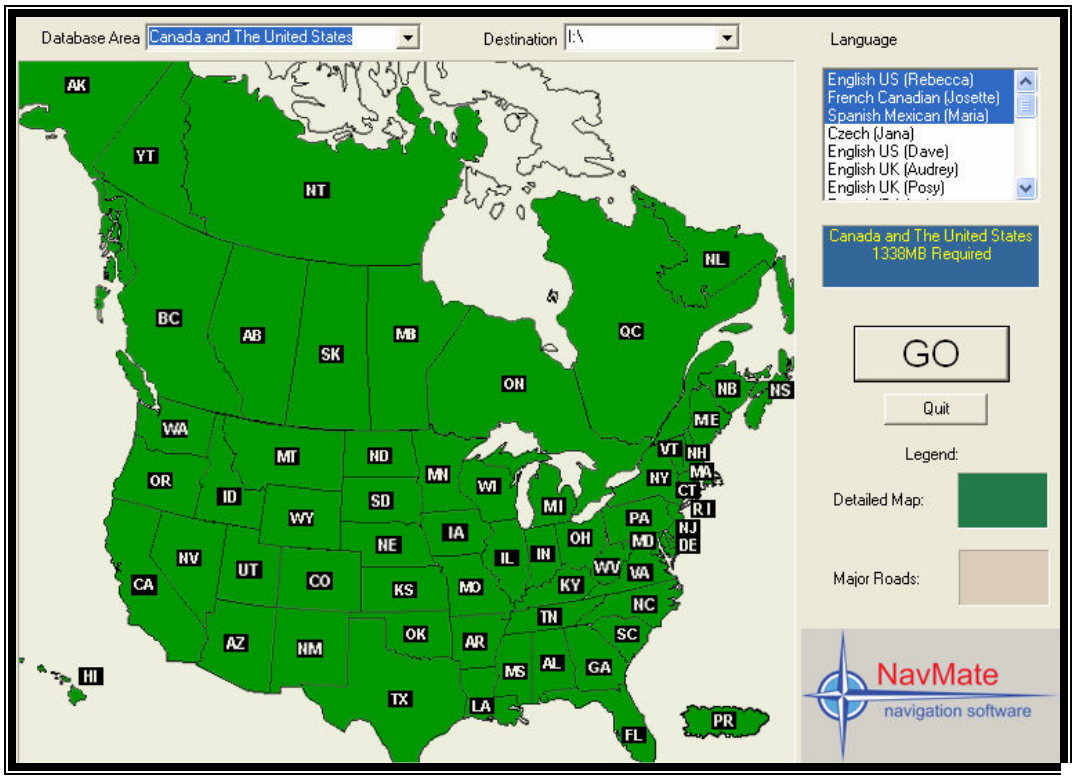
Select Database Area

To select the Database Area, click on the down arrow of the Database Area option and then select the area you want to download.

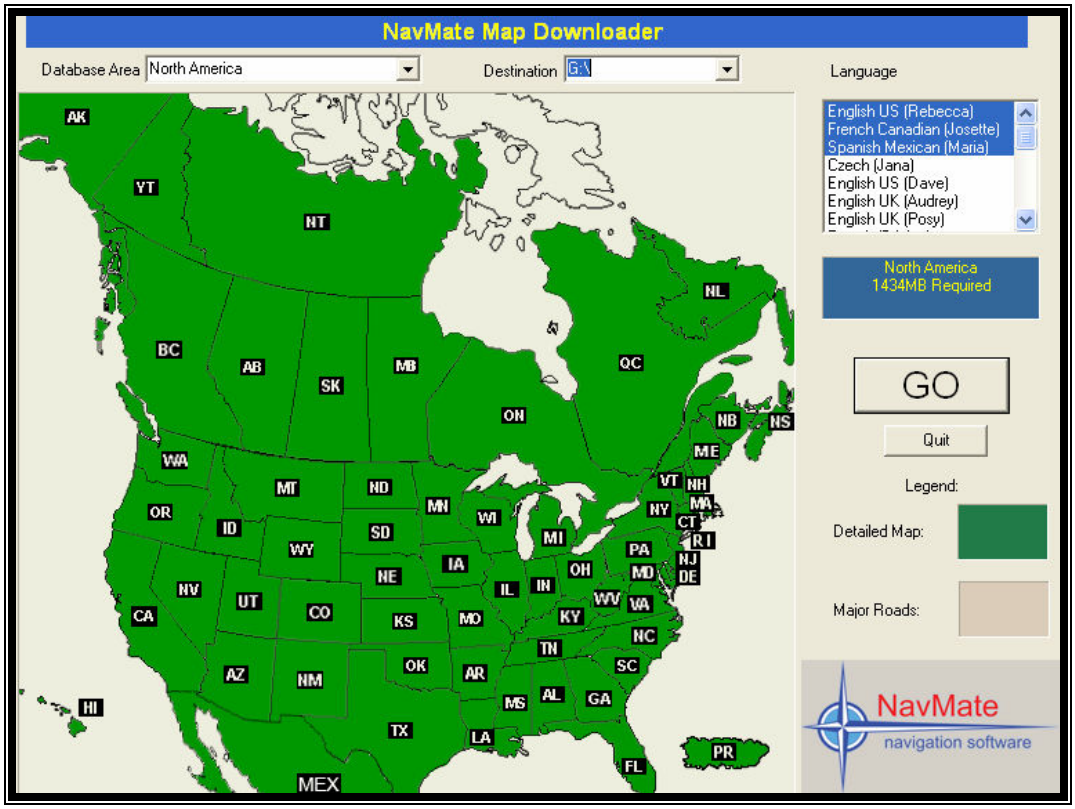


Select Language

To select the Language, click on the down arrow of the Language option and then select the voice guidance language you prefer.



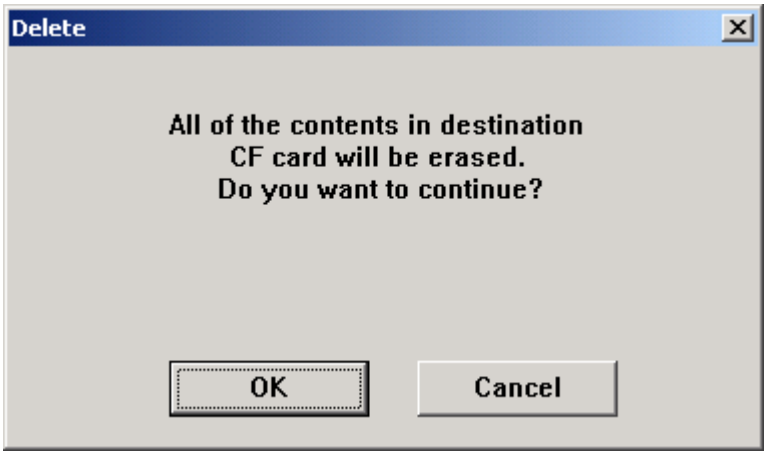
Select the Destination
To select the Destination, click on the down arrow of the Destination option and then select the destination drive of the memory device.



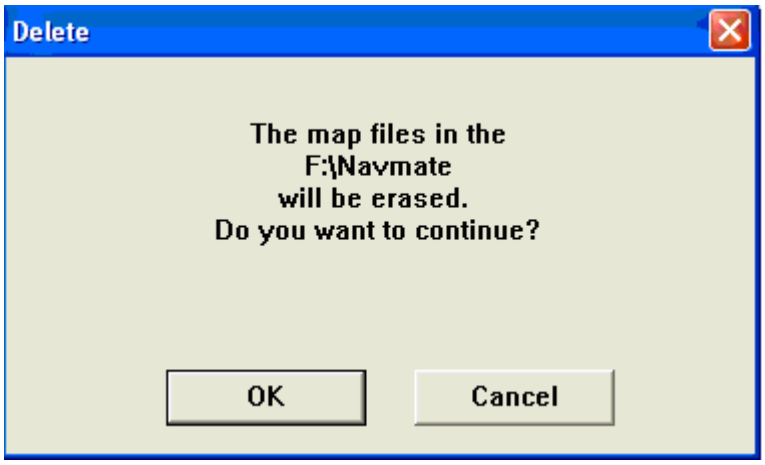
After making all the above selections click on "GO" button to start the downloading process.

The Process of Copying
After the downloading process starts the following windows will appear based on the memory card device.

If the CF card is connected then:

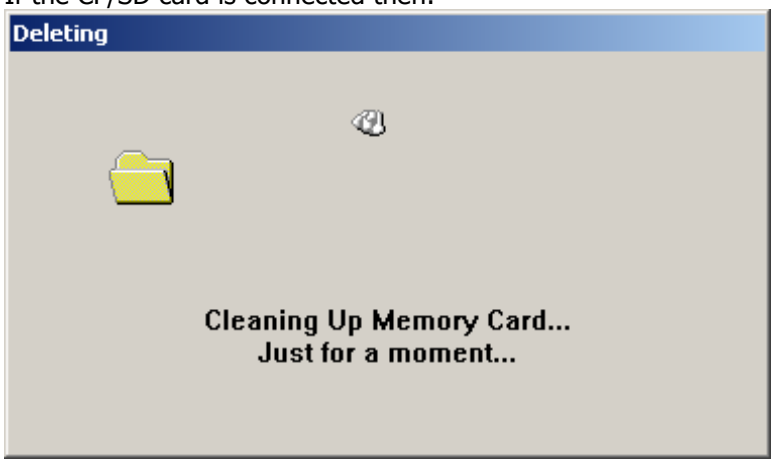


If HDD is connected then:



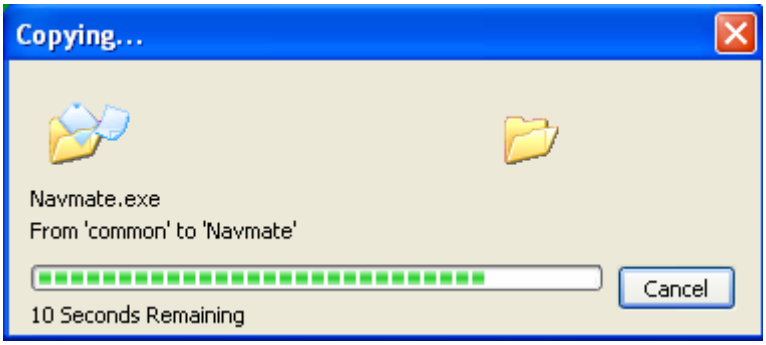
This process will backup the navigation data files from your memory card to a folder called \Navmate on your PC, and then it removes the navigation folder from the memory card. Click "OK" to continue the process.

If the CF/SD card is connected then:

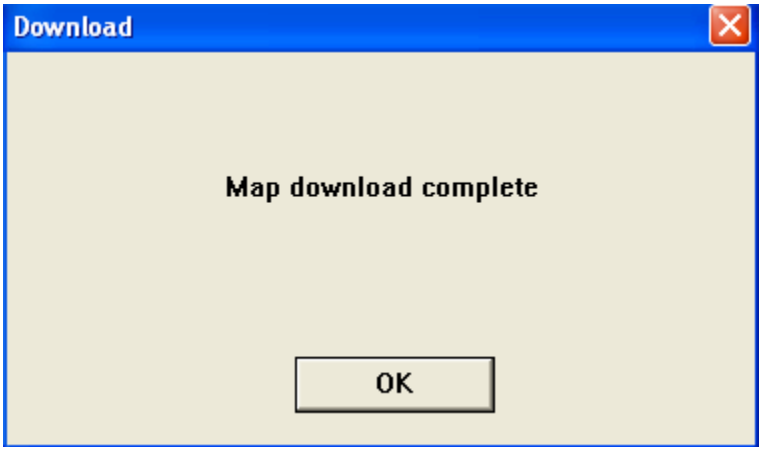


If HDD is connected then:

After cleaning up the program will start copying/downloading the files from DVD to memory device.



The window below will appear when copying/downloading is complete:



Left click "OK" to exit this program.

Remove the Memory Device

Safely remove memory card from the memory card reader or disconnect the USB cable.

a. If the device is using CF/SD card , then left click "Unplug or Eject Hardware" icon on your PC then left "OK" at the "The 'USB Mass Storage device' device can now be safely removed from the system." Prompt. Remove your memory card from the memory card reader. The memory card is now ready for use.

b. If the device is using HDD, then disconnect the USB cable from the HDD navigation device. Now, the navigation unit is ready to use.

Backup

Backup utility is intended to store user specific data from the navigation unit to local drive.

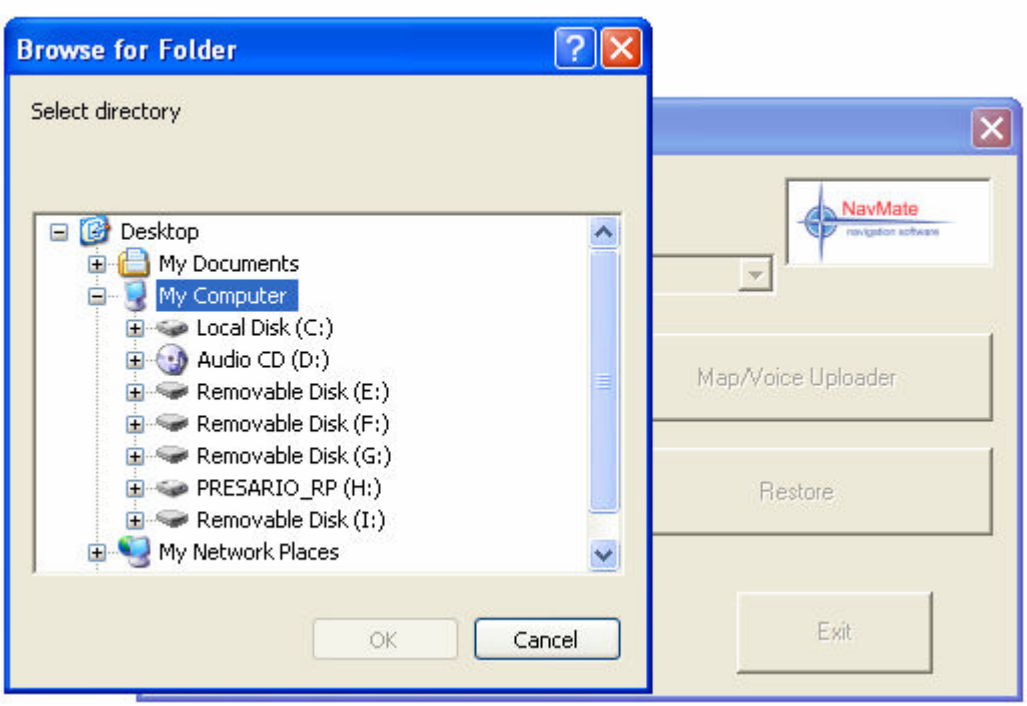
- Data is copied from directory /Storage from root of unit to user selected destination directory. Entire content of the directory will be copied, including subdirectory.

- When backup utility is started, destination directory dialog appears. User can select directory by navigating through directory tree. User can choose OK to confirm directory selection or Cancel.

- When backup process is started, progress dialog box appears. The dialog has only one button Cancel to interrupt process. If process is interrupted no cleanup operation is undertaken.

- During backup operation, data is being copied from /Storage directory on the unit to directory YYYYMMDD.HHMMSS.nsu – where:
  YYYY – year, MM – month, DD – day. HH – hour(0-24), MM -minutes (00..59),
  SS – seconds (00..59).nsu
  Eg. 20070606.121225.nsu

– If destination directory exists and is not empty, warning box appears to confirm overwrite files. The box contains OK and Cancel button. OK confirms operation to continue. Cancel terminates backup process.



Restore

Restore utility is intended for restoring of previously backed up data to unit and, also, to manage backed up data.

- When restore utility is started dialog box appears. This dialog contains current directory path and list of previously backed up data in current directory.

- Change current directory button (…) starts dialog to select directory. The dialog shows current directory and user can navigate through directory tree to choose new selection. If user presses OK new current directory will be set and backed up data list will be updated. Cancel button terminate selection process and current directory will be not changed.

- Delete button allows delete selected backed up data directory from list. Alter activation of this button warning to delete popped up. If user confirms delete operation, selected data directory will be removed with its content.

- Cancel button terminate restore operation.

- Restore button starts process to copy data from selected to backup directory to Storage directory from unit's root.

- If there is some data in Storage directory, warning appears to confirm overwriting files. When restoring process is started, progress box appears.

- The progress box contains Cancel button to interrupt process. When interrupt is taken, file structure in Storage directory is inconsistent. If restoring process is finished successfully, Restore utility finishes its work.